Salem 1

1Q/2000 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	0	0	1.0
Critical hours	2083.0	2120.0	1896.0	1625.0	2014.0
Indicator value	**0.8**	**1.6**	**1.7**	**1.8**	**1.8**

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:

4Q/97:

3Q/97:

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	1.0	1.0	1.0	0	0
Critical hours	2083.0	2120.0	1896.0	1625.0	2014.0
Indicator value	**4.1**	**4.1**	**2.5**	**2.7**	**1.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	32.80	41.43	9.74	5.94	6.00
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	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	33.00	0	49.36	9.25	6.50
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	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	0	0	28.53	20.23	17.10
Unplanned unavailable hours	0	0	0	3.88	0.50
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%**	**0.3%**	**0.4%**	**0.4%**

Licensee Comments:

1Q/98: Planned Unavailable hours for train 2 revised from 0 to 13 hours. This was found as a result of a recent self-assessment. This change does not affect the PI value.

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	26.30	30.75	14.35	0	48.20
Unplanned unavailable hours	0	0	0	0	41.10
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2082.60	2183.00	1908.90	1735.37	2032.68
Train 2					
Planned unavailable hours	0	21.08	9.60	13.60	14.70
Unplanned unavailable hours	0	7.52	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2082.60	2183.00	1908.90	1735.37	2032.68
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	2082.60	2183.00	1908.90	1735.37	2032.68
Train 4					
Planned unavailable hours	0	19.27	0	0	12.70
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	2082.60	2183.00	1908.90	1735.37	2032.68

Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.6%**

Licensee Comments:

1Q/00: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

4Q/99: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

3Q/99: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

2Q/99: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

1Q/99: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

4Q/98: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

3Q/98: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

2Q/98: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

1Q/98: Previously HPSI was reported as a 2 train system with the hours for the high head combined with the intermediate head. The total unavailable hours was included in the two trains. HPSI has been revised to a four train system with the high head and intermediate hours split accordingly.

2Q/97:

1Q/97:

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	6.80	28.82	0.98	1.61	2.80
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	2082.60	2183.00	1908.90	1735.37	2032.68
Train 2					
Planned unavailable hours	0	8.30	0.95	32.72	3.00
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	2082.60	2183.00	1908.90	1735.37	2032.68
Train 3					
Planned unavailable hours	63.90	0	24.50	2.06	24.90
Unplanned unavailable hours	0	0	0	0	2.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2082.60	2183.00	1908.90	1735.37	2032.68
Indicator value	**0.8%**	**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/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	17.80	8.72	0.28	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	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	0	10.08	0.28	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	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value			**0.1%**	**0.1%**	**0.1%**

Licensee Comments:

1Q/00:

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	0	0	2	0
Indicator value	**3**	**2**	**1**	**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	0.003040	0.410000	0.005530	0.009110	0.023000	0.520000	0.001000	0.003000	0.001000	0.001380	0.001250	0.001360
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**	**41.0**	**0.6**	**0.9**	**2.3**	**52.0**	**0.1**	**0.3**	**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	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	0.239	0.054	0.046	0	0	0	0	0	0	0	0.016	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	**2.4**	**0.5**	**0.5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.2**	**0**

Licensee Comments:

9/99: The Salem 1 leak rate values for the 1st, 2nd & 3rd quarters were revised. The previous reported values were based on Total Leakage vice the required Identified Leakage. The 4th quarter values were previously revised and reported in the January 2000 submittal.

6/99: The Salem 1 leak rate values for the 1st, 2nd & 3rd quarters were revised. The previous reported values were based on Total Leakage vice the required Identified Leakage. The 4th quarter values were previously revised and reported in the January 2000 submittal.

3/99: The Salem 1 leak rate values for the 1st, 2nd & 3rd quarters were revised. The previous reported values were based on Total Leakage vice the required Identified Leakage. The 4th quarter values were previously revised and reported in the January 2000 submittal.

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	12.0	9.0	2.0	94.0	37.0
Total opportunities	12.0	10.0	3.0	97.0	39.0
Indicator value	**99.0%**	**97.9%**	**96.7%**	**96.6%**	**95.7%**

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	53.0	66.0	72.0	70.0	72.0
Total Key personnel	65.0	77.0	76.0	75.0	77.0
Indicator value	**81.5%**	**85.7%**	**94.7%**	**93.3%**	**93.5%**

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	495	485	496	496	497
Total sirens-tests	497	497	497	497	497
Indicator value	**99.1%**	**98.7%**	**99.0%**	**99.2%**	**99.3%**

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:

1Q/00:

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	728.60	1084.50	693.20	686.40	439.80
CCTV compensatory hours	26.9	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8
Index Value	**0.060**	**0.064**	**0.054**	**0.049**	**0.044**

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

Last Modified: April 1, 2002

Salem 1

2Q/2000 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0
Critical hours	2120.0	1896.0	1625.0	2014.0	2103.6
Indicator value	**1.6**	**1.7**	**1.8**	**1.8**	**1.8**

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/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	1.0	1.0	0	0	2.0
Critical hours	2120.0	1896.0	1625.0	2014.0	2103.6
Indicator value	**4.1**	**2.5**	**2.7**	**1.8**	**2.7**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	41.43	9.74	5.94	6.00	52.80
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	2183.00
Train 2					
Planned unavailable hours	0	49.36	9.25	6.50	40.20
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	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	0	28.53	20.23	17.10	45.20
Unplanned unavailable hours	0	0	3.88	0.50	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	2183.00
Indicator value	**0.2%**	**0.3%**	**0.4%**	**0.4%**	**0.6%**

Licensee Comments:

1Q/98: Planned Unavailable hours for train 2 revised from 0 to 13 hours. This was found as a result of a recent self-assessment. This change does not affect the PI value.

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	30.75	14.35	0	48.20	38.40
Unplanned unavailable hours	0	0	0	41.10	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	1908.90	1735.37	2032.68	2103.60
Train 2					
Planned unavailable hours	21.08	9.60	13.60	14.70	5.20
Unplanned unavailable hours	7.52	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	1908.90	1735.37	2032.68	2103.60
Train 3					
Planned unavailable hours	0	0	0	0	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	2183.00	1908.90	1735.37	2032.68	2103.60
Train 4					
Planned unavailable hours	19.27	0	0	12.70	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	1908.90	1735.37	2032.68	2103.60

Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.6%**	**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)	**2Q/99**	**3Q/99**	**4Q/99**	**1Q/00**	**2Q/00**
Train 1					
Planned unavailable hours	28.82	0.98	1.61	2.80	3.80
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	1908.90	1735.37	2032.68	2103.60
Train 2					
Planned unavailable hours	8.30	0.95	32.72	3.00	15.80
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	1908.90	1735.37	2032.68	2103.60
Train 3					
Planned unavailable hours	0	24.50	2.06	24.90	1.70
Unplanned unavailable hours	0	0	0	2.60	1.10
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0

Required hours	2183.00	1908.90	1735.37	2032.68	2103.60
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**

Licensee Comments:

2Q/00:

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	8.72	0.28	0	0	25.80
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	2183.00
Train 2					
Planned unavailable hours	10.08	0.28	0	0	19.60
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	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value		**0.1%**	**0.1%**	**0.1%**	**0.2%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

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	0.009110	0.023000	0.520000	0.001000	0.003000	0.001000	0.001380	0.001250	0.001360	0.001690	0.001680	0.001740
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	**0.9**	**2.3**	**52.0**	**0.1**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**

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	0	0	0	0	0	0	0.016	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**	**0**

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	9.0	2.0	94.0	37.0	32.0
Total opportunities	10.0	3.0	97.0	39.0	32.0
Indicator value	**97.9%**	**96.7%**	**96.6%**	**95.7%**	**96.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	66.0	72.0	70.0	72.0	75.0
Total Key personnel	77.0	76.0	75.0	77.0	75.0
Indicator value	**85.7%**	**94.7%**	**93.3%**	**93.5%**	**100.0%**

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	485	496	496	497	495
Total sirens-tests	497	497	497	497	497
Indicator value	**98.7%**	**99.0%**	**99.2%**	**99.3%**	**99.8%**

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

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	1084.50	693.20	686.40	439.80	683.90
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8
Index Value	**0.064**	**0.054**	**0.049**	**0.044**	**0.038**

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

Last Modified: April 1, 2002

Salem 1

3Q/2000 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	1.0
Critical hours	1896.0	1625.0	2014.0	2103.6	2172.0
Indicator value	**1.7**	**1.8**	**1.8**	**1.8**	**2.7**

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	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	1.0	0	0	2.0	1.0
Critical hours	1896.0	1625.0	2014.0	2103.6	2172.0
Indicator value	**2.5**	**2.7**	**1.8**	**2.7**	**2.7**

Licensee Comments:

3Q/00: The power reduction on 7/15/00 is not being counted as an unplanned power change because it was an anticipatory power reduction that was intended to reduce the impact of external events and was requested by the system load dispatcher. This meets the guidelines of the NEI 99-02 criteria discussed on page 19, lines 18 - 20.

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	9.74	5.94	6.00	52.80	4.80
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	2183.00	2208.00
Train 2					
Planned unavailable hours	49.36	9.25	6.50	40.20	19.90
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	2208.00	2209.00	2184.00	2183.00	2208.00
Train 3					
Planned unavailable hours	28.53	20.23	17.10	45.20	5.90
Unplanned unavailable hours	0	3.88	0.50	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	2183.00	2208.00
Indicator value	**0.3%**	**0.4%**	**0.4%**	**0.6%**	**0.6%**

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/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	14.35	0	48.20	38.40	5.20
Unplanned unavailable hours	0	0	41.10	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1908.90	1735.37	2032.68	2103.60	2208.00
Train 2					
Planned unavailable hours	9.60	13.60	14.70	5.20	24.90
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	1908.90	1735.37	2032.68	2103.60	2208.00
Train 3					
Planned unavailable hours	0	0	0	6.30	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	1908.90	1735.37	2032.68	2103.60	2208.00
Train 4					
Planned unavailable hours	0	0	12.70	0	0
Unplanned unavailable hours	0	0	0	0	3.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1908.90	1735.37	2032.68	2103.60	2208.00
Indicator value	**0.5%**	**0.5%**	**0.6%**	**0.6%**	**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)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0.98	1.61	2.80	3.80	20.20
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	1908.90	1735.37	2032.68	2103.60	2208.00
Train 2					
Planned unavailable hours	0.95	32.72	3.00	15.80	32.00
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	1908.90	1735.37	2032.68	2103.60	2208.00
Train 3					
Planned unavailable hours	24.50	2.06	24.90	1.70	2.00
Unplanned unavailable hours	0	0	2.60	1.10	0.70
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1908.90	1735.37	2032.68	2103.60	2208.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**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/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0.28	0	0	25.80	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	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0.28	0	0	19.60	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	2183.00	2208.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**

Licensee Comments: none

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	0	2	0	0	0
Indicator value	**1**	**2**	**2**	**2**	**2**

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	0.001000	0.003000	0.001000	0.001380	0.001250	0.001360	0.001690	0.001680	0.001740	0.002160	0.002030	0.002080
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**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	0	0	0	0.016	0	0	0	0	0	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**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	2.0	94.0	37.0	32.0	50.0
Total opportunities	3.0	97.0	39.0	32.0	50.0
Indicator value	**96.7%**	**96.6%**	**95.7%**	**96.2%**	**96.8%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	72.0	70.0	72.0	75.0	75.0
Total Key personnel	76.0	75.0	77.0	75.0	76.0
Indicator value	**94.7%**	**93.3%**	**93.5%**	**100.0%**	**98.7%**

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	496	496	497	495	495
Total sirens-tests	497	497	497	497	497
Indicator value	**99.0%**	**99.2%**	**99.3%**	**99.8%**	**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	693.20	686.40	439.80	683.90	142.40
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8
Index Value	**0.054**	**0.049**	**0.044**	**0.038**	**0.029**

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

Last Modified: March 29, 2002

Salem 1

4Q/2000 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	1.0	1.0
Critical hours	1625.0	2014.0	2103.6	2172.0	2174.0
Indicator value	**1.8**	**1.8**	**1.8**	**2.7**	**3.3**

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	2.0	1.0	0
Critical hours	1625.0	2014.0	2103.6	2172.0	2174.0
Indicator value	**2.7**	**1.8**	**2.7**	**2.7**	**2.5**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	5.94	6.00	52.80	4.80	7.00
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	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	9.25	6.50	40.20	19.90	54.80
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	2183.00	2208.00	2209.00
Train 3					
Planned unavailable hours	20.23	17.10	45.20	5.90	7.00
Unplanned unavailable hours	3.88	0.50	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	2183.00	2208.00	2209.00
Indicator value	**0.4%**	**0.4%**	**0.6%**	**0.6%**	**0.7%**

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	0	48.20	38.40	5.20	33.30
Unplanned unavailable hours	0	41.10	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00
Train 2					
Planned unavailable hours	13.60	14.70	5.20	24.90	0
Unplanned unavailable hours	0	0	0	0	19.90
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00
Train 3					
Planned unavailable hours	0	0	6.30	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	1735.37	2032.68	2103.60	2208.00	2209.00
Train 4					
Planned unavailable hours	0	12.70	0	0	0
Unplanned unavailable hours	0	0	0	3.30	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00
Indicator value	**0.5%**	**0.6%**	**0.6%**	**0.6%**	**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
Train 1					
Planned unavailable hours	1.61	2.80	3.80	20.20	36.93
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	1735.37	2032.68	2103.60	2208.00	2209.00
Train 2					
Planned unavailable hours	32.72	3.00	15.80	32.00	2.00
Unplanned unavailable hours	0	0	0	0	0.90
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00
Train 3					
Planned unavailable hours	2.06	24.90	1.70	2.00	9.00
Unplanned unavailable hours	0	2.60	1.10	0.70	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00
Indicator value	**0.7%**	**0.7%**	**0.6%**	**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/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0	25.80	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	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	0	19.60	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	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

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	2	0	0	0	0
Indicator value	**2**	**2**	**2**	**2**	**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	0.001380	0.001250	0.001360	0.001690	0.001680	0.001740	0.002160	0.002030	0.002080	0.002460	0.002650	0.003180
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**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**

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	0.016	0	0	0	0	0	0	0	0	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**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	94.0	37.0	32.0	50.0	74.0
Total opportunities	97.0	39.0	32.0	50.0	75.0
Indicator value	**96.6%**	**95.7%**	**96.2%**	**96.8%**	**97.5%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	70.0	72.0	75.0	75.0	74.0
Total Key personnel	75.0	77.0	75.0	76.0	78.0
Indicator value	**93.3%**	**93.5%**	**100.0%**	**98.7%**	**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
Successful siren-tests	496	497	495	495	496
Total sirens-tests	497	497	497	497	497
Indicator value	**99.2%**	**99.3%**	**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/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

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	686.40	439.80	683.90	142.40	279.40
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8
Index Value	**0.049**	**0.044**	**0.038**	**0.029**	**0.023**

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

Last Modified: March 28, 2002

Salem 1

1Q/2001 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	1.0	1.0	0
Critical hours	1625.0	2014.0	2103.6	2172.0	2174.0	2160.0
Indicator value	**1.8**	**1.8**	**1.8**	**2.7**	**3.3**	**2.4**

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	2.0	1.0	0	0
Critical hours	1625.0	2014.0	2103.6	2172.0	2174.0	2160.0
Indicator value	**2.7**	**1.8**	**2.7**	**2.7**	**2.5**	**2.4**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	5.94	6.00	52.80	4.80	7.00	34.80
Unplanned unavailable hours	0	0	0	0	0	4.50
Fault exposure hours	0	0	0	0	0	13.10
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	9.25	6.50	40.20	19.90	54.80	18.30
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	2183.00	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	20.23	17.10	45.20	5.90	7.00	44.60
Unplanned unavailable hours	3.88	0.50	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	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.4%**	**0.4%**	**0.6%**	**0.6%**	**0.7%**	**0.9%**

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	0	48.20	38.40	5.20	33.30	21.90
Unplanned unavailable hours	0	41.10	0	0	0	2.70
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	13.60	14.70	5.20	24.90	0	23.60
Unplanned unavailable hours	0	0	0	0	19.90	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	0	0	6.30	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00
Train 4						
Planned unavailable hours	0	12.70	0	0	0	48.60
Unplanned unavailable hours	0	0	0	3.30	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00
Indicator value	**0.5%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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	1.61	2.80	3.80	20.20	36.93	24.20
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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	32.72	3.00	15.80	32.00	2.00	3.40
Unplanned unavailable hours	0	0	0	0	0.90	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	2.06	24.90	1.70	2.00	9.00	12.30
Unplanned unavailable hours	0	2.60	1.10	0.70	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00
Indicator value	**0.7%**	**0.7%**	**0.6%**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	0	25.80	0	0	20.10
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	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	0	19.60	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

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	2	0	0	0	0	1
Indicator value	**2**	**2**	**2**	**2**	**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	0.001000	0.003000	0.001000	0.001380	0.001250	0.001360	0.001690	0.001680	0.001740	0.002160	0.002030	0.002080
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.002460	0.002650	0.003180	0.002850	0.003320	0.004010
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**

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	0	0	0	0.016	0	0	0	0	0	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**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0**	**0**	**0**	**0**	**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	1Q/01
Successful opportunities	94.0	37.0	32.0	50.0	74.0	13.0
Total opportunities	97.0	39.0	32.0	50.0	75.0	15.0
Indicator value	**96.6%**	**95.7%**	**96.2%**	**96.8%**	**97.5%**	**96.9%**

Licensee Comments: none

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	70.0	72.0	75.0	75.0	74.0	73.0
Total Key personnel	75.0	77.0	75.0	76.0	78.0	76.0
Indicator value	**93.3%**	**93.5%**	**100.0%**	**98.7%**	**94.9%**	**96.1%**

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	496	497	495	495	496	493
Total sirens-tests	497	497	497	497	497	497
Indicator value	**99.2%**	**99.3%**	**99.8%**	**99.7%**	**99.7%**	**99.5%**

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

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	686.40	439.80	683.90	142.40	279.40	111.00
CCTV compensatory hours	0	0	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.049**	**0.044**	**0.038**	**0.029**	**0.023**	**0.018**

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

Last Modified: March 28, 2002

Salem 1

2Q/2001 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	1.0	1.0	0	1.0
Critical hours	1625.0	2014.0	2103.6	2172.0	2174.0	2160.0	1141.0
Indicator value	**1.8**	**1.8**	**1.8**	**2.7**	**3.3**	**2.4**	**2.7**

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/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	2.0	1.0	0	0	3.0
Critical hours	1625.0	2014.0	2103.6	2172.0	2174.0	2160.0	1141.0
Indicator value	**2.7**	**1.8**	**2.7**	**2.7**	**2.5**	**2.4**	**3.7**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	5.94	6.00	52.80	4.80	7.00	34.80	16.30
Unplanned unavailable hours	0	0	0	0	0	4.50	0
Fault exposure hours	0	0	0	0	0	13.10	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	9.25	6.50	40.20	19.90	54.80	18.30	7.20
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	51.90
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	20.23	17.10	45.20	5.90	7.00	44.60	3.80
Unplanned unavailable hours	3.88	0.50	0	0	0	0	1.00
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	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.4%**	**0.4%**	**0.6%**	**0.6%**	**0.7%**	**0.9%**	**0.9%**

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	0	48.20	38.40	5.20	33.30	21.90	0
Unplanned unavailable hours	0	41.10	0	0	0	2.70	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00
Train 2							
Planned unavailable hours	13.60	14.70	5.20	24.90	0	23.60	16.40
Unplanned unavailable hours	0	0	0	0	19.90	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00
Train 3							
Planned unavailable hours	0	0	6.30	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00
Train 4							
Planned unavailable hours	0	12.70	0	0	0	48.60	0
Unplanned unavailable hours	0	0	0	3.30	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00
Indicator value	**0.5%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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	1Q/01	2Q/01
Train 1							
Planned unavailable hours	1.61	2.80	3.80	20.20	36.93	24.20	12.90
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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00
Train 2							
Planned unavailable hours	32.72	3.00	15.80	32.00	2.00	3.40	1.70
Unplanned unavailable hours	0	0	0	0	0.90	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00
Train 3							
Planned unavailable hours	2.06	24.90	1.70	2.00	9.00	12.30	3.30
Unplanned unavailable hours	0	2.60	1.10	0.70	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00
Indicator value	**0.7%**	**0.7%**	**0.6%**	**0.7%**	**0.7%**	**0.6%**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	0	25.80	0	0	20.10	11.60
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	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	0	19.60	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

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	2	0	0	0	0	1	0
Indicator value	**2**	**2**	**2**	**2**	**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	0.001000	0.003000	0.001000	0.001380	0.001250	0.001360	0.001690	0.001680	0.001740	0.002160	0.002030	0.002080
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.002460	0.002650	0.003180	0.002850	0.003320	0.004010	0.003300	N/A	0.001620
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**N/A**	**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	0	0	0	0.016	0	0	0	0	0	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**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0	0	0
Technical specification limit	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**	**0**	**0**	**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	1Q/01	2Q/01
Successful opportunities	94.0	37.0	32.0	50.0	74.0	13.0	10.0
Total opportunities	97.0	39.0	32.0	50.0	75.0	15.0	10.0
Indicator value	**96.6%**	**95.7%**	**96.2%**	**96.8%**	**97.5%**	**96.9%**	**97.2%**

Licensee Comments: none

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	70.0	72.0	75.0	75.0	74.0	73.0	71.0
Total Key personnel	75.0	77.0	75.0	76.0	78.0	76.0	74.0
Indicator value	**93.3%**	**93.5%**	**100.0%**	**98.7%**	**94.9%**	**96.1%**	**95.9%**

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	496	497	495	495	496	493	496
Total sirens-tests	497	497	497	497	497	497	497
Indicator value	**99.2%**	**99.3%**	**99.8%**	**99.7%**	**99.7%**	**99.5%**	**99.6%**

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	686.40	439.80	683.90	142.40	279.40	111.00	407.50
CCTV compensatory hours	0	0	0	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.049**	**0.044**	**0.038**	**0.029**	**0.023**	**0.018**	**0.014**

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

Last Modified: March 27, 2002

Salem 1

3Q/2001 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	1.0	1.0	0	1.0	1.0
Critical hours	1625.0	2014.0	2103.6	2172.0	2174.0	2160.0	1141.0	2064.0
Indicator value	**1.8**	**1.8**	**1.8**	**2.7**	**3.3**	**2.4**	**2.7**	**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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Scrams	0	0	0	0	0	0	0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	0	2.0	1.0	0	0	3.0	1.0
Critical hours	1625.0	2014.0	2103.6	2172.0	2174.0	2160.0	1141.0	2064.0
Indicator value	**2.7**	**1.8**	**2.7**	**2.7**	**2.5**	**2.4**	**3.7**	**3.7**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	5.94	6.00	52.80	4.80	7.00	34.80	16.30	4.50
Unplanned unavailable hours	0	0	0	0	0	4.50	0	0
Fault exposure hours	0	0	0	0	0	13.10	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	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	9.25	6.50	40.20	19.90	54.80	18.30	7.20	7.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	51.90	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	20.23	17.10	45.20	5.90	7.00	44.60	3.80	4.30
Unplanned unavailable hours	3.88	0.50	0	0	0	0	1.00	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	2160.00	2183.00	2208.00
Indicator value	**0.4%**	**0.4%**	**0.6%**	**0.6%**	**0.7%**	**0.9%**	**0.9%**	**0.9%**

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	0	48.20	38.40	5.20	33.30	21.90	0	20.80
Unplanned unavailable hours	0	41.10	0	0	0	2.70	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00
Train 2								
Planned unavailable hours	13.60	14.70	5.20	24.90	0	23.60	16.40	0
Unplanned unavailable hours	0	0	0	0	19.90	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00
Train 3								
Planned unavailable hours	0	0	6.30	0	0	0	0	31.80
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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00
Train 4								
Planned unavailable hours	0	12.70	0	0	0	48.60	0	0
Unplanned unavailable hours	0	0	0	3.30	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00
Indicator value	**0.5%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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	2Q/01	3Q/01
Train 1								
Planned unavailable hours	1.61	2.80	3.80	20.20	36.93	24.20	12.90	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00
Train 2								
Planned unavailable hours	32.72	3.00	15.80	32.00	2.00	3.40	1.70	25.50
Unplanned unavailable hours	0	0	0	0	0.90	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00
Train 3								
Planned unavailable hours	2.06	24.90	1.70	2.00	9.00	12.30	3.30	22.70
Unplanned unavailable hours	0	2.60	1.10	0.70	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	1735.37	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00
Indicator value	**0.7%**	**0.7%**	**0.6%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0	25.80	0	0	20.10	11.60	12.80
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	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	19.60	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**

Licensee Comments: none

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	2	0	0	0	0	1	0	0
Indicator value	**2**	**2**	**2**	**2**	**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	0.001000	0.003000	0.001000	0.001380	0.001250	0.001360	0.001690	0.001680	0.001740	0.002160	0.002030	0.002080
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

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	0.002460	0.002650	0.003180	0.002850	0.003320	0.004010	0.003300	N/A	0.001620	0.001001	0.000914	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	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**N/A**	**0.2**	**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	0	0	0	0.016	0	0	0	0	0	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**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	1Q/01	2Q/01	3Q/01
Successful opportunities	94.0	37.0	32.0	50.0	74.0	13.0	10.0	9.0
Total opportunities	97.0	39.0	32.0	50.0	75.0	15.0	10.0	10.0
Indicator value	**96.6%**	**95.7%**	**96.2%**	**96.8%**	**97.5%**	**96.9%**	**97.2%**	**97.3%**

Licensee Comments: none

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	70.0	72.0	75.0	75.0	74.0	73.0	71.0	71.0
Total Key personnel	75.0	77.0	75.0	76.0	78.0	76.0	74.0	75.0
Indicator value	**93.3%**	**93.5%**	**100.0%**	**98.7%**	**94.9%**	**96.1%**	**95.9%**	**94.7%**

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	496	497	495	495	496	493	496	494
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.2%**	**99.3%**	**99.8%**	**99.7%**	**99.7%**	**99.5%**	**99.6%**	**99.5%**

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	686.40	439.80	683.90	142.40	279.40	111.00	407.50	48.60
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.049**	**0.044**	**0.038**	**0.029**	**0.023**	**0.018**	**0.014**	**0.013**

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

Last Modified: March 26, 2002

Salem 1

4Q/2001 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	1.0	1.0	0	1.0	1.0	0
Critical hours	2014.0	2103.6	2172.0	2174.0	2160.0	1141.0	2064.0	1854.0
Indicator value	**1.8**	**1.8**	**2.7**	**3.3**	**2.4**	**2.7**	**2.8**	**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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Scrams	0	0	0	0	0	0	1.0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	2.0	1.0	0	0	3.0	1.0	0
Critical hours	2014.0	2103.6	2172.0	2174.0	2160.0	1141.0	2064.0	1854.0
Indicator value	**1.8**	**2.7**	**2.7**	**2.5**	**2.4**	**3.7**	**3.7**	**3.9**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	6.00	52.80	4.80	7.00	34.80	16.30	4.50	4.70
Unplanned unavailable hours	0	0	0	0	4.50	0	0	0
Fault exposure hours	0	0	0	0	13.10	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	6.50	40.20	19.90	54.80	18.30	7.20	7.20	4.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	51.90	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	17.10	45.20	5.90	7.00	44.60	3.80	4.30	5.50
Unplanned unavailable hours	0.50	0	0	0	0	1.00	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	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.4%**	**0.6%**	**0.6%**	**0.7%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**

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	48.20	38.40	5.20	33.30	21.90	0	20.80	55.90
Unplanned unavailable hours	41.10	0	0	0	2.70	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	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00
Train 2								
Planned unavailable hours	14.70	5.20	24.90	0	23.60	16.40	0	48.40
Unplanned unavailable hours	0	0	0	19.90	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	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00
Train 3								
Planned unavailable hours	0	6.30	0	0	0	0	31.80	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	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00
Train 4								
Planned unavailable hours	12.70	0	0	0	48.60	0	0	0
Unplanned unavailable hours	0	0	3.30	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	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.7%**	**0.6%**	**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)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	2.80	3.80	20.20	36.93	24.20	12.90	0.60	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	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00
Train 2								
Planned unavailable hours	3.00	15.80	32.00	2.00	3.40	1.70	25.50	7.80
Unplanned unavailable hours	0	0	0	0.90	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	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00
Train 3								
Planned unavailable hours	24.90	1.70	2.00	9.00	12.30	3.30	22.70	0.90
Unplanned unavailable hours	2.60	1.10	0.70	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	2032.68	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00
Indicator value	**0.7%**	**0.6%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	25.80	0	0	20.10	11.60	12.80	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	19.60	0	0	0	0	0	22.60
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**

Licensee Comments: none

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**	**2**	**2**	**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	0.001380	0.001250	0.001360	0.001690	0.001680	0.001740	0.002160	0.002030	0.002080	0.002460	0.002650	0.003180
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**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**

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	0.002850	0.003320	0.004010	0.003300	N/A	0.001620	0.001001	0.000914	0.001400	0.000961	0.001700	0.002210
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**	**0.4**	**0.3**	**N/A**	**0.2**	**0.1**	**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	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	0.016	0	0	0	0	0	0	0	0	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**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0	0	0.048	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.5**	**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	37.0	32.0	50.0	74.0	13.0	10.0	9.0	109.0
Total opportunities	39.0	32.0	50.0	75.0	15.0	10.0	10.0	112.0
Indicator value	**95.7%**	**96.2%**	**96.8%**	**97.5%**	**96.9%**	**97.2%**	**97.3%**	**97.4%**

Licensee Comments: none

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	72.0	75.0	75.0	74.0	73.0	71.0	71.0	72.0
Total Key personnel	77.0	75.0	76.0	78.0	76.0	74.0	75.0	77.0
Indicator value	**93.5%**	**100.0%**	**98.7%**	**94.9%**	**96.1%**	**95.9%**	**94.7%**	**93.5%**

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	497	495	495	496	493	496	494	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.3%**	**99.8%**	**99.7%**	**99.7%**	**99.5%**	**99.6%**	**99.5%**	**99.6%**

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	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/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	439.80	683.90	142.40	279.40	111.00	407.50	48.60	156.70
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.044**	**0.038**	**0.029**	**0.023**	**0.018**	**0.014**	**0.013**	**0.011**

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

Last Modified: March 15, 2002

Salem 1

1Q/2002 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	1.0	0	1.0	1.0	0	0
Critical hours	2103.6	2172.0	2174.0	2160.0	1141.0	2064.0	1854.0	2001.6
Indicator value	**1.8**	**2.7**	**3.3**	**2.4**	**2.7**	**2.8**	**1.9**	**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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Scrams	0	0	0	0	0	1.0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	2.0	1.0	0	0	3.0	2.0	0	4.0
Critical hours	2103.6	2172.0	2174.0	2160.0	1141.0	2064.0	1854.0	2001.6
Indicator value	**2.7**	**2.7**	**2.5**	**2.4**	**3.7**	**4.6**	**4.8**	**8.9**

Licensee Comments:

1Q/02: FAQ’s were submitted for three power reductions that are included in this calculation.

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	52.80	4.80	7.00	34.80	16.30	4.50	4.70	3.90
Unplanned unavailable hours	0	0	0	4.50	0	0	0	9.80
Fault exposure hours	0	0	0	13.10	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	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	40.20	19.90	54.80	18.30	7.20	7.20	4.30	50.20
Unplanned unavailable hours	0	0	0	0	0	0	0	13.10
Fault exposure hours	0	0	0	0	51.90	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	45.20	5.90	7.00	44.60	3.80	4.30	5.50	30.60
Unplanned unavailable hours	0	0	0	0	1.00	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	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.6%**	**0.6%**	**0.7%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**

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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	38.40	5.20	33.30	21.90	0	20.80	55.90	46.40
Unplanned unavailable hours	0	0	0	2.70	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	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00
Train 2								
Planned unavailable hours	5.20	24.90	0	23.60	16.40	0	48.40	62.30
Unplanned unavailable hours	0	0	19.90	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	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00
Train 3								
Planned unavailable hours	6.30	0	0	0	0	31.80	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	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00
Train 4								
Planned unavailable hours	0	0	0	48.60	0	0	0	0
Unplanned unavailable hours	0	3.30	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	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**

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	3.80	20.20	36.93	24.20	12.90	0.60	0.80	4.40
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	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00
Train 2								
Planned unavailable hours	15.80	32.00	2.00	3.40	1.70	25.50	7.80	20.70
Unplanned unavailable hours	0	0	0.90	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	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00
Train 3								
Planned unavailable hours	1.70	2.00	9.00	12.30	3.30	22.70	0.90	23.40
Unplanned unavailable hours	1.10	0.70	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	2103.60	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00
Indicator value	**0.6%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.7%**	**0.6%**	**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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	25.80	0	0	20.10	11.60	12.80	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	19.60	0	0	0	0	0	22.60	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**

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	**2**	**2**	**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	0.001690	0.001680	0.001740	0.002160	0.002030	0.002080	0.002460	0.002650	0.003180	0.002850	0.003320	0.004010
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**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**

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	0.003300	N/A	0.001620	0.001001	0.000914	0.001400	0.000961	0.001700	0.002210	0.005370	0.004080	0.002100
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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.5**	**0.4**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0.048	0	0.090	0.160	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0.5**	**0**	**0.9**	**1.6**	**0.5**

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	32.0	50.0	74.0	13.0	10.0	9.0	109.0	39.0
Total opportunities	32.0	50.0	75.0	15.0	10.0	10.0	112.0	43.0
Indicator value	**96.2%**	**96.8%**	**97.5%**	**96.9%**	**97.2%**	**97.3%**	**97.4%**	**96.8%**

Licensee Comments: none

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	75.0	75.0	74.0	73.0	71.0	71.0	72.0	74.0
Total Key personnel	75.0	76.0	78.0	76.0	74.0	75.0	77.0	78.0
Indicator value	**100.0%**	**98.7%**	**94.9%**	**96.1%**	**95.9%**	**94.7%**	**93.5%**	**94.9%**

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	495	495	496	493	496	494	497	495
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.5%**	**99.6%**	**99.5%**	**99.6%**	**99.7%**

Licensee Comments: none

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	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/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	683.90	142.40	279.40	111.00	407.50	48.60	156.70	282.70
CCTV compensatory hours	0	0	0	0	0	0	0	8.8
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.038**	**0.029**	**0.023**	**0.018**	**0.014**	**0.013**	**0.011**	**0.014**

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

Salem 1

2Q/2002 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	0	1.0	1.0	0	0	0
Critical hours	2172.0	2174.0	2160.0	1141.0	2064.0	1854.0	2001.6	2183.0
Indicator value	**2.7**	**3.3**	**2.4**	**2.7**	**2.8**	**1.9**	**2.0**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Scrams	0	0	0	0	1.0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	3.0	2.0	0	4.0	2.0
Critical hours	2172.0	2174.0	2160.0	1141.0	2064.0	1854.0	2001.6	2183.0
Indicator value	**2.7**	**2.5**	**2.4**	**3.7**	**4.6**	**4.8**	**8.9**	**6.9**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	4.80	7.00	34.80	16.30	4.50	4.70	3.90	117.40
Unplanned unavailable hours	0	0	4.50	0	0	0	9.80	1.60
Fault exposure hours	0	0	13.10	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	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	19.90	54.80	18.30	7.20	7.20	4.30	50.20	31.00
Unplanned unavailable hours	0	0	0	0	0	0	13.10	2.20
Fault exposure hours	0	0	0	51.90	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	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	5.90	7.00	44.60	3.80	4.30	5.50	30.60	34.90
Unplanned unavailable hours	0	0	0	1.00	0	0	0	10.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.6%**	**0.7%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**1.2%**

Licensee Comments:

2Q/02: EDG Train 2, 347.7 hours of T/2 Fault Exposure due to fuel oil leak during May 2002

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	5.20	33.30	21.90	0	20.80	55.90	46.00	67.10
Unplanned unavailable hours	0	0	2.70	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	1141.00	2064.00	1854.00	2002.00	2183.00
Train 2								
Planned unavailable hours	24.90	0	23.60	16.40	0	48.40	76.20	28.70
Unplanned unavailable hours	0	19.90	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	1141.00	2064.00	1854.00	2002.00	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	31.80	0	2.10	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	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00

Train 4								
Planned unavailable hours	0	0	48.60	0	0	0	0	23.20
Unplanned unavailable hours	3.30	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	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.9%**

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	20.20	36.93	24.20	12.90	0.60	0.80	4.40	21.30
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	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00
Train 2								
Planned unavailable hours	32.00	2.00	3.40	1.70	25.50	7.80	20.70	24.60

Unplanned unavailable hours	0	0.90	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	2208.00	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00
Train 3								
Planned unavailable hours	2.00	9.00	12.30	3.30	22.70	0.90	23.40	0.80
Unplanned unavailable hours	0.70	0	0	0	0	0	0	10.00
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	1141.00	2064.00	1854.00	2002.00	2183.00
Indicator value	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.7%**	**0.6%**	**0.6%**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0	0	20.10	11.60	12.80	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	0	0	0	0	22.60	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**

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	1
Indicator value	**2**	**0**	**1**	**1**	**1**	**1**	**0**	**1**

Licensee Comments: none

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	0.002160	0.002030	0.002080	0.002460	0.002650	0.003180	0.002850	0.003320	0.004010	0.003300	N/A	0.001620
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**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**N/A**	**0.2**

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	0.001001	0.000914	0.001400	0.000961	0.001700	0.002210	0.005370	0.004080	0.002100	0.002730	0.002390	0.002590
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**	**0.2**	**0.5**	**0.4**	**0.2**	**0.3**	**0.2**	**0.3**

Licensee Comments: none

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0.048	0	0.090	0.160	0.050	0.050	0.097	0.100
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**	**0.5**	**0**	**0.9**	**1.6**	**0.5**	**0.5**	**1.0**	**1.0**

Licensee Comments: none

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	50.0	74.0	13.0	10.0	9.0	109.0	39.0	11.0
Total opportunities	50.0	75.0	15.0	10.0	10.0	112.0	43.0	12.0
Indicator value	**96.8%**	**97.5%**	**96.9%**	**97.2%**	**97.3%**	**97.4%**	**96.8%**	**96.3%**

Licensee Comments: none

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	75.0	74.0	73.0	71.0	71.0	72.0	74.0	68.0
Total Key personnel	76.0	78.0	76.0	74.0	75.0	77.0	78.0	75.0
Indicator value	**98.7%**	**94.9%**	**96.1%**	**95.9%**	**94.7%**	**93.5%**	**94.9%**	**90.7%**

Licensee Comments: none

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	495	496	493	496	494	497	495	493
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.7%**	**99.7%**	**99.5%**	**99.6%**	**99.5%**	**99.6%**	**99.7%**	**99.5%**

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	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/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

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	142.40	279.40	111.00	407.50	48.60	156.70	282.70	197.80
CCTV compensatory hours	0	0	0	0	0	0	8.8	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.029**	**0.023**	**0.018**	**0.014**	**0.013**	**0.011**	**0.014**	**0.010**

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

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

Salem 1

3Q/2002 Performance Indicators

Licensee's General Comments: none

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	1.0	0	1.0	1.0	0	0	0	0
Critical hours	2174.0	2160.0	1141.0	2064.0	1854.0	2001.6	2183.0	2208.0
Indicator value	**3.3**	**2.4**	**2.7**	**2.8**	**1.9**	**2.0**	**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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Scrams	0	0	0	1.0	0	0	0	0
Indicator value	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	3.0	2.0	0	4.0	2.0	0
Critical hours	2174.0	2160.0	1141.0	2064.0	1854.0	2001.6	2183.0	2208.0
Indicator value	**2.5**	**2.4**	**3.7**	**4.6**	**4.8**	**8.9**	**6.9**	**5.1**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	7.00	34.80	16.30	4.50	4.70	3.90	117.40	44.40
Unplanned unavailable hours	0	4.50	0	0	0	9.80	1.60	0
Fault exposure hours	0	13.10	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	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	54.80	18.30	7.20	7.20	4.30	50.20	31.00	63.00
Unplanned unavailable hours	0	0	0	0	0	13.10	2.20	15.50
Fault exposure hours	0	0	51.90	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	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	7.00	44.60	3.80	4.30	5.50	30.60	34.90	98.40
Unplanned unavailable hours	0	0	1.00	0	0	0	10.40	87.80
Fault exposure hours	0	0	0	0	0	0	0	61.10
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.7%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**1.2%**	**1.5%**

Licensee Comments:

3Q/02: EDG's were stopped during surveillance tests on 7/8, 9/2, 9/3, and 9/13. The appropriate amount of T/2 time to be charged is under evaluation.

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	33.30	21.90	0	20.80	55.90	46.00	67.10	14.20
Unplanned unavailable hours	0	2.70	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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	23.60	16.40	0	48.40	76.20	28.70	12.70
Unplanned unavailable hours	19.90	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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	31.80	0	2.10	0	0.02
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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0	48.60	0	0	0	0	23.20	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	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00

Indicator value	**0.6%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.9%**	**0.9%**

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	36.93	24.20	12.90	0.60	0.80	4.40	21.30	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	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00
Train 2								
Planned unavailable hours	2.00	3.40	1.70	25.50	7.80	20.70	24.60	0.70
Unplanned unavailable hours	0.90	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	2209.00	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00
Train 3								
Planned unavailable hours	9.00	12.30	3.30	22.70	0.90	23.40	0.80	0.80
Unplanned unavailable hours	0	0	0	0	0	0	10.00	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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00

Indicator value	**0.7%**	**0.6%**	**0.6%**	**0.7%**	**0.6%**	**0.6%**	**0.6%**	**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	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**
Train 1								
Planned unavailable hours	0	20.10	11.60	12.80	0	0	0	0.02
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	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0	0	22.60	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**

Licensee Comments: none

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	1	0
Indicator value	**0**	**1**	**1**	**1**	**1**	**0**	**1**	**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	0.002460	0.002650	0.003180	0.002850	0.003320	0.004010	0.003300	N/A	0.001620	0.001001	0.000914	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	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**N/A**	**0.2**	**0.1**	**0.1**	**0.1**

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	0.000961	0.001700	0.002210	0.005370	0.004080	0.002100	0.002730	0.002390	0.002590	0.003220	0.003130	0.002870
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**	**0.5**	**0.4**	**0.2**	**0.3**	**0.2**	**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	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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.048	0	0.090	0.160	0.050	0.050	0.097	0.100	0.054	0.190	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**	**0.5**	**0**	**0.9**	**1.6**	**0.5**	**0.5**	**1.0**	**1.0**	**0.5**	**1.9**	**1.4**

Licensee Comments: none

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	74.0	13.0	10.0	9.0	109.0	39.0	11.0	18.0
Total opportunities	75.0	15.0	10.0	10.0	112.0	43.0	12.0	18.0
Indicator value	**97.5%**	**96.9%**	**97.2%**	**97.3%**	**97.4%**	**96.8%**	**96.3%**	**95.9%**

Licensee Comments: none

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	74.0	73.0	71.0	71.0	72.0	74.0	68.0	73.0
Total Key personnel	78.0	76.0	74.0	75.0	77.0	78.0	75.0	76.0
Indicator value	**94.9%**	**96.1%**	**95.9%**	**94.7%**	**93.5%**	**94.9%**	**90.7%**	**96.1%**

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	496	493	496	494	497	495	493	492
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.7%**	**99.5%**	**99.6%**	**99.5%**	**99.6%**	**99.7%**	**99.5%**	**99.4%**

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	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/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

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	279.40	111.00	407.50	48.60	156.70	282.70	197.80	356.30
CCTV compensatory hours	0	0	0	0	0	8.8	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.023**	**0.018**	**0.014**	**0.013**	**0.011**	**0.014**	**0.010**	**0.015**

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

Salem 1

4Q/2002 Performance Indicators

Licensee's General Comments: none

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	0	1.0	1.0	0	0	0	0	1.0
Critical hours	2160.0	1141.0	2064.0	1854.0	2001.6	2183.0	2208.0	1568.0
Indicator value	**2.4**	**2.7**	**2.8**	**1.9**	**2.0**	**0.9**	**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	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	**0**	**0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	3.0	2.0	0	4.0	2.0	0	0
Critical hours	2160.0	1141.0	2064.0	1854.0	2001.6	2183.0	2208.0	1568.0
Indicator value	**2.4**	**3.7**	**4.6**	**4.8**	**8.9**	**6.9**	**5.1**	**5.3**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	34.80	16.30	4.50	4.70	3.90	117.40	44.40	3.20
Unplanned unavailable hours	4.50	0	0	0	9.80	1.60	0	0
Fault exposure hours	13.10	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	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	18.30	7.20	7.20	4.30	50.20	31.00	63.00	5.00
Unplanned unavailable hours	0	0	0	0	13.10	2.20	15.50	0
Fault exposure hours	0	51.90	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	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	44.60	3.80	4.30	5.50	30.60	34.90	98.40	5.30
Unplanned unavailable hours	0	1.00	0	0	0	10.40	87.80	3.50
Fault exposure hours	0	0	0	0	0	0	61.10	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**1.2%**	**1.5%**	**1.5%**

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/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	21.90	0	20.80	55.90	46.00	67.10	14.20	11.20
Unplanned unavailable hours	2.70	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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00
Train 2								
Planned unavailable hours	23.60	16.40	0	48.40	76.20	28.70	12.70	70.10
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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00
Train 3								
Planned unavailable hours	0	0	31.80	0	2.10	0	0.02	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	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00
Train 4								
Planned unavailable hours	48.60	0	0	0	0	23.20	3.90	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	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00
Indicator value	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.9%**	**0.9%**	**0.9%**

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	24.20	12.90	0.60	0.80	4.40	21.30	1.30	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	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00
Train 2								
Planned unavailable hours	3.40	1.70	25.50	7.80	20.70	24.60	0.70	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	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00
Train 3								
Planned unavailable hours	12.30	3.30	22.70	0.90	23.40	0.80	0.80	12.20
Unplanned unavailable hours	0	0	0	0	0	10.00	0	1.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00
Indicator value	**0.6%**	**0.6%**	**0.7%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	20.10	11.60	12.80	0	0	0	0.02	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	0	22.60	0	0	0	0.02
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	2183.00	2208.00	2209.00
Indicator value	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**

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	1	0	0
Indicator value	**1**	**1**	**1**	**1**	**0**	**1**	**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	0.002850	0.003320	0.004010	0.003300	N/A	0.001620	0.001001	0.000914	0.001400	0.000961	0.001700	0.002210
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**	**0.4**	**0.3**	**N/A**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**

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	0.005370	0.004080	0.002100	0.002730	0.002390	0.002590	0.003220	0.003130	0.002870	0.002220	0.000624	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	**0.5**	**0.4**	**0.2**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**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	0	0	0	0	0	0	0	0	0	0.048	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.5**	**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	0.090	0.160	0.050	0.050	0.097	0.100	0.054	0.190	0.140	0.100	0.001	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	**0.9**	**1.6**	**0.5**	**0.5**	**1.0**	**1.0**	**0.5**	**1.9**	**1.4**	**1.0**	**0**	**0**

Licensee Comments: none

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	13.0	10.0	9.0	109.0	39.0	11.0	18.0	34.0
Total opportunities	15.0	10.0	10.0	112.0	43.0	12.0	18.0	38.0
Indicator value	**96.9%**	**97.2%**	**97.3%**	**97.4%**	**96.8%**	**96.3%**	**95.9%**	**94.2%**

Licensee Comments: none

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	73.0	71.0	71.0	72.0	74.0	68.0	73.0	73.0
Total Key personnel	76.0	74.0	75.0	77.0	78.0	75.0	76.0	74.0
Indicator value	**96.1%**	**95.9%**	**94.7%**	**93.5%**	**94.9%**	**90.7%**	**96.1%**	**98.6%**

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	493	496	494	497	495	493	492	563
Total sirens-tests	497	497	497	497	497	497	497	568
Indicator value	**99.5%**	**99.6%**	**99.5%**	**99.6%**	**99.7%**	**99.5%**	**99.4%**	**99.2%**

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	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/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

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	111.00	407.50	48.60	156.70	282.70	197.80	356.30	589.20
CCTV compensatory hours	0	0	0	0	8.8	0	0	2034.8
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.018**	**0.014**	**0.013**	**0.011**	**0.014**	**0.010**	**0.015**	**0.063**

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

Salem 1

1Q/2003 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	0	0	0	0	1.0	0
Critical hours	1141.0	2064.0	1854.0	2001.6	2183.0	2208.0	1568.0	2160.0
Indicator value	**2.7**	**2.8**	**1.9**	**2.0**	**0.9**	**0**	**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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Scrams	0	1.0	0	0	0	0	0	0
Indicator value	**0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	3.0	2.0	0	4.0	2.0	0	0	4.0
Critical hours	1141.0	2064.0	1854.0	2001.6	2183.0	2208.0	1568.0	2160.0
Indicator value	**3.7**	**4.6**	**4.8**	**8.9**	**6.9**	**5.1**	**5.3**	**5.2**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	16.30	4.50	4.70	3.90	117.40	44.40	3.20	41.40
Unplanned unavailable hours	0	0	0	9.80	1.60	0	0	6.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	7.20	7.20	4.30	50.20	31.00	63.00	5.00	39.40
Unplanned unavailable hours	0	0	0	13.10	2.20	15.50	0	0
Fault exposure hours	51.90	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	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	3.80	4.30	5.50	30.60	34.90	98.40	5.30	21.40
Unplanned unavailable hours	1.00	0	0	0	10.40	87.80	3.50	0
Fault exposure hours	0	0	0	0	0	61.10	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**1.2%**	**1.5%**	**1.5%**	**1.6%**

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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	0	20.80	55.90	46.00	67.10	14.20	11.20	66.20
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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00
Train 2								
Planned unavailable hours	16.40	0	48.40	76.20	28.70	12.70	70.10	35.00
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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00
Train 3								
Planned unavailable hours	0	31.80	0	2.10	0	0.02	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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00
Train 4								

Planned unavailable hours	0	0	0	0	23.20	3.90	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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00
Indicator value	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**

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	12.90	0.60	0.80	4.40	21.30	1.30	0.90	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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00
Train 2								
Planned unavailable hours	1.70	25.50	7.80	20.70	24.60	0.70	0.80	0.70
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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00
Train 3								
Planned unavailable hours	3.30	22.70	0.90	23.40	0.80	0.80	12.20	89.60
Unplanned unavailable hours	0	0	0	0	10.00	0	1.20	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	1141.00	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00
Indicator value	**0.6%**	**0.7%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	11.60	12.80	0	0	0	0.02	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	0	22.60	0	0	0	0.02	13.10
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

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	1	0	0	0
Indicator value	**1**	**1**	**1**	**0**	**1**	**1**	**1**	**1**

Licensee Comments: none

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	0.003300	N/A	0.001620	0.001001	0.000914	0.001400	0.000961	0.001700	0.002210	0.005370	0.004080	0.002100
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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.5**	**0.4**	**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	0.002730	0.002390	0.002590	0.003220	0.003130	0.002870	0.002220	0.000624	0.000650	0.000607	0.000672	0.000712
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**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**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	4/01	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	0	0	0	0	0	0.048	0	0.090	0.160	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0.5**	**0**	**0.9**	**1.6**	**0.5**

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	0.050	0.097	0.100	0.054	0.190	0.140	0.100	0.001	0.001	0	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	**0.5**	**1.0**	**1.0**	**0.5**	**1.9**	**1.4**	**1.0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	10.0	9.0	109.0	39.0	11.0	18.0	34.0	96.0
Total opportunities	10.0	10.0	112.0	43.0	12.0	18.0	38.0	98.0
Indicator value	**97.2%**	**97.3%**	**97.4%**	**96.8%**	**96.3%**	**95.9%**	**94.2%**	**95.6%**

Licensee Comments: none

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	71.0	71.0	72.0	74.0	68.0	73.0	73.0	73.0
Total Key personnel	74.0	75.0	77.0	78.0	75.0	76.0	74.0	76.0
Indicator value	**95.9%**	**94.7%**	**93.5%**	**94.9%**	**90.7%**	**96.1%**	**98.6%**	**96.1%**

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	496	494	497	495	493	492	563	526
Total sirens-tests	497	497	497	497	497	497	568	534
Indicator value	**99.6%**	**99.5%**	**99.6%**	**99.7%**	**99.5%**	**99.4%**	**99.2%**	**99.0%**

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	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	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

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	407.50	48.60	156.70	282.70	197.80	356.30	589.20	1040.70
CCTV compensatory hours	0	0	0	8.8	0	0	2034.8	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.014**	**0.013**	**0.011**	**0.014**	**0.010**	**0.015**	**0.063**	**0.074**

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

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:

1Q/03:

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 22, 2003

Salem 1

2Q/2003 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0	0	1.0	0	0
Critical hours	2064.0	1854.0	2001.6	2183.0	2208.0	1568.0	2160.0	2183.0
Indicator value	**2.8**	**1.9**	**2.0**	**0.9**	**0**	**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	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	1.0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	2.0	0	4.0	2.0	0	0	4.0	0
Critical hours	2064.0	1854.0	2001.6	2183.0	2208.0	1568.0	2160.0	2183.0
Indicator value	**4.6**	**4.8**	**8.9**	**6.9**	**5.1**	**5.3**	**5.2**	**3.4**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	4.50	4.70	3.90	117.40	44.40	3.20	41.40	71.20
Unplanned unavailable hours	0	0	9.80	1.60	0	0	6.90	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	7.20	4.30	50.20	31.00	63.00	5.00	39.40	23.60
Unplanned unavailable hours	0	0	13.10	2.20	15.50	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	4.30	5.50	30.60	34.90	98.40	5.30	21.40	41.60
Unplanned unavailable hours	0	0	0	10.40	87.80	3.50	0	0
Fault exposure hours	0	0	0	0	61.10	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	2209.00	2160.00	2183.00
Indicator value	**0.9%**	**0.9%**	**1.0%**	**1.2%**	**1.5%**	**1.5%**	**1.6%**	**1.6%**

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	20.80	55.90	46.00	67.10	14.20	11.20	66.20	30.80
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	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	48.40	76.20	28.70	12.70	70.10	35.00	6.10
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	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00
Train 3								
Planned unavailable hours	31.80	0	2.10	0	0.02	0	0	13.30
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	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00
Train 4								

Planned unavailable hours	0	0	0	23.20	3.90	0	0	5.50
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	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00
Indicator value	**0.6%**	**0.7%**	**0.8%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**

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	0.60	0.80	4.40	21.30	1.30	0.90	1.20	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	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00
Train 2								
Planned unavailable hours	25.50	7.80	20.70	24.60	0.70	0.80	0.70	69.30
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	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00
Train 3								
Planned unavailable hours	22.70	0.90	23.40	0.80	0.80	12.20	89.60	22.20
Unplanned unavailable hours	0	0	0	10.00	0	1.20	0	20.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2064.00	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00
Indicator value	**0.7%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.8%**

Licensee Comments:

2Q/03: AFW Train 3, 540 hours of T/2 fault exposure hours (half of April 8 - May 23)

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	12.80	0	0	0	0.02	0	0	28.10
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	22.60	0	0	0	0.02	13.10	23.80
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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**

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	1	0	0	0	0
Indicator value	**1**	**1**	**0**	**1**	**1**	**1**	**1**	**0**

Licensee Comments: none

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	0.001001	0.000914	0.001400	0.000961	0.001700	0.002210	0.005370	0.004080	0.002100	0.002730	0.002390	0.002590
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**	**0.2**	**0.5**	**0.4**	**0.2**	**0.3**	**0.2**	**0.3**

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	0.003220	0.003130	0.002870	0.002220	0.000624	0.000650	0.000607	0.000672	0.000712	0.000801	0.000818	0.000903
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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

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	0	0.048	0	0.090	0.160	0.050	0.050	0.097	0.100
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**	**0.5**	**0**	**0.9**	**1.6**	**0.5**	**0.5**	**1.0**	**1.0**

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	0.054	0.190	0.140	0.100	0.001	0.001	0	0	0	0	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	**0.5**	**1.9**	**1.4**	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	9.0	109.0	39.0	11.0	18.0	34.0	96.0	5.0
Total opportunities	10.0	112.0	43.0	12.0	18.0	38.0	98.0	6.0
Indicator value	**97.3%**	**97.4%**	**96.8%**	**96.3%**	**95.9%**	**94.2%**	**95.6%**	**95.3%**

Licensee Comments: none

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	71.0	72.0	74.0	68.0	73.0	73.0	73.0	73.0
Total Key personnel	75.0	77.0	78.0	75.0	76.0	74.0	76.0	79.0
Indicator value	**94.7%**	**93.5%**	**94.9%**	**90.7%**	**96.1%**	**98.6%**	**96.1%**	**92.4%**

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	494	497	495	493	492	563	526	495
Total sirens-tests	497	497	497	497	497	568	534	499
Indicator value	**99.5%**	**99.6%**	**99.7%**	**99.5%**	**99.4%**	**99.2%**	**99.0%**	**99.0%**

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	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/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

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	48.60	156.70	282.70	197.80	356.30	589.20	1040.70	429.50
CCTV compensatory hours	0	0	8.8	0	0	2034.8	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.013**	**0.011**	**0.014**	**0.010**	**0.015**	**0.063**	**0.074**	**0.078**

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

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

Salem 1

3Q/2003 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	1.0
Critical hours	1854.0	2001.6	2183.0	2208.0	1568.0	2160.0	2183.0	1992.0
Indicator value	**1.9**	**2.0**	**0.9**	**0**	**0.9**	**0.9**	**0.9**	**1.8**

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/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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	4.0	2.0	0	0	4.0	0	2.0
Critical hours	1854.0	2001.6	2183.0	2208.0	1568.0	2160.0	2183.0	1992.0
Indicator value	**4.8**	**8.9**	**6.9**	**5.1**	**5.3**	**5.2**	**3.4**	**5.3**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	4.70	3.90	117.40	44.40	3.20	41.40	71.20	5.20
Unplanned unavailable hours	0	9.80	1.60	0	0	6.90	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	4.30	50.20	31.00	63.00	5.00	39.40	23.60	8.20
Unplanned unavailable hours	0	13.10	2.20	15.50	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	5.50	30.60	34.90	98.40	5.30	21.40	41.60	5.00
Unplanned unavailable hours	0	0	10.40	87.80	3.50	0	0	1.50
Fault exposure hours	0	0	0	61.10	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	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.9%**	**1.0%**	**1.2%**	**1.5%**	**1.5%**	**1.6%**	**1.6%**	**1.6%**

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	55.90	46.00	67.10	14.20	11.20	66.20	30.80	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	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00
Train 2								
Planned unavailable hours	48.40	76.20	28.70	12.70	70.10	35.00	6.10	1.90
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	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00
Train 3								
Planned unavailable hours	0	2.10	0	0.02	0	0	13.30	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	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00
Train 4								

Planned unavailable hours	0	0	23.20	3.90	0	0	5.50	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	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00
Indicator value	**0.7%**	**0.8%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**

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/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**
Train 1								
Planned unavailable hours	0.80	4.40	21.30	1.30	0.90	1.20	1.20	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	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00
Train 2								
Planned unavailable hours	7.80	20.70	24.60	0.70	0.80	0.70	69.30	43.30
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	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00
Train 3								
Planned unavailable hours	0.90	23.40	0.80	0.80	12.20	89.60	22.20	15.90
Unplanned unavailable hours	0	0	10.00	0	1.20	0	19.40	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	1854.00	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.8%**	**0.8%**

Licensee Comments:

2Q/03: Revision: AFW Train 3, 1011.4 hours of T/2 fault exposure hours

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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	0	0	0	0.02	0	0	28.10	6.50
Unplanned unavailable hours	0	0	0	0	0	0	0	10.40

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	22.60	0	0	0	0.02	13.10	23.80	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**

Licensee Comments: none

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	1	0	0	0	0	1
Indicator value	**1**	**0**	**1**	**1**	**1**	**1**	**0**	**1**

Licensee Comments: none

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	0.000961	0.001700	0.002210	0.005370	0.004080	0.002100	0.002730	0.002390	0.002590	0.003220	0.003130	0.002870
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**	**0.5**	**0.4**	**0.2**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**

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	0.002220	0.000624	0.000650	0.000671	0.000672	0.000712	0.000801	0.000818	0.000903	0.000925	0.000944	0.000959
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

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	0.048	0	0.090	0.160	0.050	0.050	0.097	0.100	0.054	0.190	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**	**0.5**	**0**	**0.9**	**1.6**	**0.5**	**0.5**	**1.0**	**1.0**	**0.5**	**1.9**	**1.4**

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	0.100	0.001	0.001	0	0	0	0	0	0	0	0	0.024
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.2**

Licensee Comments: none

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	109.0	39.0	11.0	18.0	34.0	96.0	5.0	18.0
Total opportunities	112.0	43.0	12.0	18.0	38.0	98.0	6.0	18.0
Indicator value	**97.4%**	**96.8%**	**96.3%**	**95.9%**	**94.2%**	**95.6%**	**95.3%**	**95.7%**

Licensee Comments: none

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	74.0	68.0	73.0	73.0	73.0	73.0	69.0
Total Key personnel	77.0	78.0	75.0	76.0	74.0	76.0	79.0	76.0
Indicator value	**93.5%**	**94.9%**	**90.7%**	**96.1%**	**98.6%**	**96.1%**	**92.4%**	**90.8%**

Licensee Comments: none

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	497	495	493	492	563	526	495	496
Total sirens-tests	497	497	497	497	568	534	499	497
Indicator value	**99.6%**	**99.7%**	**99.5%**	**99.4%**	**99.2%**	**99.0%**	**99.0%**	**99.1%**

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	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/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

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	156.70	282.70	197.80	356.30	589.20	1040.70	429.50	120.00
CCTV compensatory hours	0	8.8	0	0	2034.8	0	0	7.4
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.011**	**0.014**	**0.010**	**0.015**	**0.063**	**0.074**	**0.078**	**0.074**

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

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 22, 2003

Salem 1

4Q/2003 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	1.0	0
Critical hours	2001.6	2183.0	2208.0	1568.0	2160.0	2183.0	1992.0	2142.3
Indicator value	**2.0**	**0.9**	**0**	**0.9**	**0.9**	**0.9**	**1.8**	**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/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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	4.0	2.0	0	0	4.0	0	1.0	2.0
Critical hours	2001.6	2183.0	2208.0	1568.0	2160.0	2183.0	1992.0	2142.3
Indicator value	**8.9**	**6.9**	**5.1**	**5.3**	**5.2**	**3.4**	**4.4**	**5.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	3.90	117.40	44.40	3.20	41.40	71.20	5.20	5.30
Unplanned unavailable hours	9.80	1.60	0	0	6.90	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	50.20	31.00	63.00	5.00	39.40	23.60	8.20	51.90
Unplanned unavailable hours	13.10	2.20	15.50	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	30.60	34.90	98.40	5.30	21.40	41.60	5.00	6.80
Unplanned unavailable hours	0	10.40	87.80	3.50	0	0	1.50	0
Fault exposure hours	0	0	61.10	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	2183.00	2208.00	2209.00
Indicator value	**1.0%**	**1.2%**	**1.5%**	**1.5%**	**1.6%**	**1.6%**	**1.6%**	**1.6%**

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	46.00	67.10	14.20	11.20	66.20	30.80	13.60	7.20
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	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00
Train 2								
Planned unavailable hours	76.20	28.70	12.70	70.10	35.00	6.10	1.90	11.70
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	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00
Train 3								
Planned unavailable hours	2.10	0	0.02	0	0	13.30	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	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00
Train 4								

Planned unavailable hours	0	23.20	3.90	0	0	5.50	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	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00
Indicator value	**0.8%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**

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	4.40	21.30	1.30	0.90	1.20	1.20	1.30	15.00
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	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00
Train 2								
Planned unavailable hours	20.70	24.60	0.70	0.80	0.70	69.30	43.30	29.30
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	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00
Train 3								
Planned unavailable hours	23.40	0.80	0.80	12.20	89.60	22.20	15.90	1.60
Unplanned unavailable hours	0	10.00	0	1.20	0	19.40	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	2002.00	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.8%**	**0.8%**	**0.8%**

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/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**	**4Q/03**
Train 1								
Planned unavailable hours	0	0	0.02	0	0	28.10	6.50	0
Unplanned unavailable hours	0	0	0	0	0	0	10.40	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	0	0.02	13.10	23.80	1.20	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**

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	1	0	0	0	0	1	1
Indicator value	**0**	**1**	**1**	**1**	**1**	**0**	**1**	**2**

Licensee Comments: none

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	0.005370	0.004080	0.002100	0.002730	0.002390	0.002590	0.003220	0.003130	0.002870	0.002220	0.000624	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	**0.5**	**0.4**	**0.2**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**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	0.000671	0.000672	0.000712	0.000801	0.000818	0.000903	0.000925	0.000944	0.000959	0.000986	0.000946	0.001580
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	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.090	0.160	0.050	0.050	0.097	0.100	0.054	0.190	0.140	0.100	0.001	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	**0.9**	**1.6**	**0.5**	**0.5**	**1.0**	**1.0**	**0.5**	**1.9**	**1.4**	**1.0**	**0**	**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	0	0	0	0	0	0	0	0.024	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**

Licensee Comments: none

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	39.0	11.0	18.0	34.0	96.0	5.0	18.0	106.0
Total opportunities	43.0	12.0	18.0	38.0	98.0	6.0	18.0	109.0
Indicator value	**96.8%**	**96.3%**	**95.9%**	**94.2%**	**95.6%**	**95.3%**	**95.7%**	**95.6%**

Licensee Comments: none

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	74.0	68.0	73.0	73.0	73.0	73.0	69.0	74.0
Total Key personnel	78.0	75.0	76.0	74.0	76.0	79.0	76.0	79.0
Indicator value	**94.9%**	**90.7%**	**96.1%**	**98.6%**	**96.1%**	**92.4%**	**90.8%**	**93.7%**

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	495	493	492	563	526	495	496	491
Total sirens-tests	497	497	497	568	534	499	497	497
Indicator value	**99.7%**	**99.5%**	**99.4%**	**99.2%**	**99.0%**	**99.0%**	**99.1%**	**99.1%**

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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

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	282.70	197.80	356.30	589.20	1040.70	429.50	120.00	235.60
CCTV compensatory hours	8.8	0	0	2034.8	0	0	7.4	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.014**	**0.010**	**0.015**	**0.063**	**0.074**	**0.078**	**0.074**	**0.028**

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

Salem 1

1Q/2004 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	1.0	0	0
Critical hours	2183.0	2208.0	1568.0	2160.0	2183.0	1992.0	2142.3	2156.0
Indicator value	**0.9**	**0**	**0.9**	**0.9**	**0.9**	**1.8**	**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	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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	2.0	0	0	4.0	0	1.0	2.0	0
Critical hours	2183.0	2208.0	1568.0	2160.0	2183.0	1992.0	2142.3	2156.0
Indicator value	**6.9**	**5.1**	**5.3**	**5.2**	**3.4**	**4.4**	**5.8**	**2.5**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	117.40	44.40	3.20	41.40	71.20	5.20	5.30	11.70
Unplanned unavailable hours	1.60	0	0	6.90	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	31.00	63.00	5.00	39.40	23.60	8.20	51.90	7.70
Unplanned unavailable hours	2.20	15.50	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	34.90	98.40	5.30	21.40	41.60	5.00	6.80	36.90
Unplanned unavailable hours	10.40	87.80	3.50	0	0	1.50	0	0
Fault exposure hours	0	61.10	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	2183.00	2208.00	2209.00	2184.00
Indicator value	**1.2%**	**1.5%**	**1.5%**	**1.6%**	**1.6%**	**1.6%**	**1.6%**	**1.5%**

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)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	67.10	14.20	11.20	66.20	30.80	13.60	7.20	38.90
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00
Train 2								
Planned unavailable hours	28.70	12.70	70.10	35.00	6.10	1.90	11.70	41.90
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00
Train 3								
Planned unavailable hours	0	0.02	0	0	13.30	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	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00
Train 4								
Planned unavailable hours	23.20	3.90	0	0	5.50	0	0	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	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**

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	21.30	1.30	0.90	1.20	1.20	1.30	15.00	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	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00
Train 2								
Planned unavailable hours	24.60	0.70	0.80	0.70	69.30	43.30	29.30	20.90
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00
Train 3								
Planned unavailable hours	0.80	0.80	12.20	89.60	22.20	15.90	1.60	31.80
Unplanned unavailable hours	10.00	0	1.20	0	19.40	0	0	2.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**

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	0	0.02	0	0	28.10	6.50	0	13.70
Unplanned unavailable hours	0	0	0	0	0	10.40	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	0	0	0.02	13.10	23.80	1.20	0	0.10
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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

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	1	0	0	0	0	1	1	1
Indicator value	**1**	**1**	**1**	**1**	**0**	**1**	**2**	**3**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.002730	0.002390	0.002590	0.003220	0.003130	0.002870	0.002220	0.000624	0.000650	0.000671	0.000672	0.000712
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**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000801	0.000818	0.000903	0.000925	0.000944	0.000959	0.000986	0.000946	0.001580	0.000990	0.001000	0.004100
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**	**0.1**	**0.1**	**0.4**

Licensee Comments: none

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	0.050	0.097	0.100	0.054	0.190	0.140	0.100	0.001	0.001	0	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	**0.5**	**1.0**	**1.0**	**0.5**	**1.9**	**1.4**	**1.0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0.024	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**	**0**	**0**	**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	11.0	18.0	34.0	96.0	5.0	18.0	106.0	24.0
Total opportunities	12.0	18.0	38.0	98.0	6.0	18.0	109.0	24.0
Indicator value	**96.3%**	**95.9%**	**94.2%**	**95.6%**	**95.3%**	**95.7%**	**95.6%**	**96.6%**

Licensee Comments: none

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	68.0	73.0	73.0	73.0	73.0	69.0	74.0	73.0
Total Key personnel	75.0	76.0	74.0	76.0	79.0	76.0	79.0	79.0
Indicator value	**90.7%**	**96.1%**	**98.6%**	**96.1%**	**92.4%**	**90.8%**	**93.7%**	**92.4%**

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	493	492	563	526	495	496	491	496
Total sirens-tests	497	497	568	534	499	497	497	497
Indicator value	**99.5%**	**99.4%**	**99.2%**	**99.0%**	**99.0%**	**99.1%**	**99.1%**	**99.4%**

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	**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/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

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	197.80	356.30	589.20	1040.70	429.50	120.00	235.60	629.40
CCTV compensatory hours	0	0	2034.8	0	0	7.4	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Index Value	**0.010**	**0.015**	**0.063**	**0.074**	**0.078**	**0.074**	**0.028**	**0.021**

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

Salem 1

2Q/2004 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	1.0	0	0	0
Critical hours	2208.0	1568.0	2160.0	2183.0	1992.0	2142.3	2156.0	777.7
Indicator value	**0**	**0.9**	**0.9**	**0.9**	**1.8**	**0.8**	**0.8**	**1.0**

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/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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	0	4.0	0	1.0	2.0	0	3.0
Critical hours	2208.0	1568.0	2160.0	2183.0	1992.0	2142.3	2156.0	777.7
Indicator value	**5.1**	**5.3**	**5.2**	**3.4**	**4.4**	**5.8**	**2.5**	**5.9**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	44.40	3.20	41.40	71.20	5.20	5.30	11.70	2.90
Unplanned unavailable hours	0	0	6.90	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	63.00	5.00	39.40	23.60	8.20	51.90	7.70	1.80
Unplanned unavailable hours	15.50	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3								
Planned unavailable hours	98.40	5.30	21.40	41.60	5.00	6.80	36.90	1.20
Unplanned unavailable hours	87.80	3.50	0	0	1.50	0	0	0
Fault exposure hours	61.10	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	2209.00	2184.00	2183.00
Indicator value	**1.5%**	**1.5%**	**1.6%**	**1.6%**	**1.6%**	**1.6%**	**1.5%**	**1.4%**

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	14.20	11.20	66.20	30.80	13.60	7.20	38.90	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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13
Train 2								
Planned unavailable hours	12.70	70.10	35.00	6.10	1.90	11.70	41.90	61.60
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13
Train 3								
Planned unavailable hours	0.02	0	0	13.30	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	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13
Train 4								
Planned unavailable hours	3.90	0	0	5.50	0	0	5.40	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	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**

Licensee Comments:

2Q/04: Fault exposure time recorded on the 11 CVC pump due to backleakage on the 12 CVC pump is under evaluation. Time (t/2 of 42.2 hours) was counted from the last 11 CVC Pump IST until the time that the cause of the flow issue was discovered.

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	0.90	1.20	1.20	1.30	15.00	0.80	0.70
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	2208.00	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13
Train 2								
Planned unavailable hours	0.70	0.80	0.70	69.30	43.30	29.30	20.90	21.30
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13
Train 3								
Planned unavailable hours	0.80	12.20	89.60	22.20	15.90	1.60	31.80	1.80
Unplanned unavailable hours	0	1.20	0	19.40	0	0	2.90	40.50
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**

Licensee Comments:

1Q/04: 3/30/04 - 13 AFW pump trip t/2 fault exposure time recorded from relatching the pump on 3/28/04 at 2314 to the 13 AFW pump trip on 3/30/04

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	0.02	0	0	28.10	6.50	0	13.70	0
Unplanned unavailable hours	0	0	0	0	10.40	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	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	0	0.02	13.10	23.80	1.20	0	0.10	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

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	0	0	0	0	1	1	1	2
Indicator value	**1**	**1**	**1**	**0**	**1**	**2**	**3**	**5**

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	0.003220	0.003130	0.002870	0.002220	0.000624	0.000650	0.000671	0.000672	0.000712	0.000801	0.000818	0.000903
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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**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	0.000925	0.000944	0.000959	0.000986	0.000946	0.001580	0.000990	0.001000	0.004100	N/A	N/A	0.000362
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**	**0.1**	**0.1**	**0.4**	**N/A**	**N/A**	**0**

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	0.054	0.190	0.140	0.100	0.001	0.001	0	0	0	0	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	**0.5**	**1.9**	**1.4**	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0.024	0	0	0	0	0	0	N/A	N/A	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**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**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	18.0	34.0	96.0	5.0	18.0	106.0	24.0	10.0
Total opportunities	18.0	38.0	98.0	6.0	18.0	109.0	24.0	10.0
Indicator value	**95.9%**	**94.2%**	**95.6%**	**95.3%**	**95.7%**	**95.6%**	**96.6%**	**96.9%**

Licensee Comments: none

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	73.0	73.0	73.0	73.0	69.0	74.0	73.0	79.0
Total Key personnel	76.0	74.0	76.0	79.0	76.0	79.0	79.0	82.0
Indicator value	**96.1%**	**98.6%**	**96.1%**	**92.4%**	**90.8%**	**93.7%**	**92.4%**	**96.3%**

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	492	563	526	495	496	491	496	490
Total sirens-tests	497	568	534	499	497	497	497	497
Indicator value	**99.4%**	**99.2%**	**99.0%**	**99.0%**	**99.1%**	**99.1%**	**99.4%**	**99.2%**

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	**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/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.

Salem 1

3Q/2004 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	1.0	0	0	0	0
Critical hours	1568.0	2160.0	2183.0	1992.0	2142.3	2156.0	777.7	2158.4
Indicator value	**0.9**	**0.9**	**0.9**	**1.8**	**0.8**	**0.8**	**1.0**	**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/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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**

Licensee Comments: none

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	4.0	0	1.0	2.0	0	3.0	0
Critical hours	1568.0	2160.0	2183.0	1992.0	2142.3	2156.0	777.7	2158.4
Indicator value	**5.3**	**5.2**	**3.4**	**4.4**	**5.8**	**2.5**	**5.9**	**4.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	3.20	41.40	71.20	5.20	5.30	11.70	2.90	12.10
Unplanned unavailable hours	0	6.90	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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	5.00	39.40	23.60	8.20	51.90	7.70	1.80	5.80
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	2209.00	2184.00	2183.00	2208.00
Train 3								
Planned unavailable hours	5.30	21.40	41.60	5.00	6.80	36.90	1.20	6.50
Unplanned unavailable hours	3.50	0	0	1.50	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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	**1.5%**	**1.6%**	**1.6%**	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**

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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	11.20	66.20	30.80	13.60	7.20	38.90	0.30	17.80
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00
Train 2								
Planned unavailable hours	70.10	35.00	6.10	1.90	11.70	41.90	61.60	65.40
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00
Train 3								
Planned unavailable hours	0	0	13.30	0	0	0	0	24.10
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00
Train 4								
Planned unavailable hours	0	0	5.50	0	0	5.40	0	2.00
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**

Licensee Comments: none

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	0.90	1.20	1.20	1.30	15.00	0.80	0.70	12.30
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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00
Train 2								
Planned unavailable hours	0.80	0.70	69.30	43.30	29.30	20.90	21.30	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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00
Train 3								
Planned unavailable hours	12.20	89.60	22.20	15.90	1.60	31.80	1.80	45.00
Unplanned unavailable hours	1.20	0	19.40	0	0	2.90	40.50	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	1568.00	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00
Indicator value	**0.6%**	**0.6%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**

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	0	0	28.10	6.50	0	13.70	0	0
Unplanned unavailable hours	0	0	0	10.40	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	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.02	13.10	23.80	1.20	0	0.10	0	35.00
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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

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	1	1	1	2	0
Indicator value	**1**	**1**	**0**	**1**	**2**	**3**	**5**	**4**

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	0.002220	0.000624	0.000650	0.000671	0.000672	0.000712	0.000801	0.000818	0.000903	0.000925	0.000944	0.000959
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**	**0.1**	**0.1**	**0.1**	**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	0.000986	0.000946	0.001580	0.000990	0.001000	0.004100	N/A	N/A	0.000362	0.000392	0.000418	0.001233
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**	**0.1**	**0.1**	**0.4**	**N/A**	**N/A**	**0**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.100	0.001	0.001	0	0	0	0	0	0	0	0	0.024
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.2**

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	0	0	0	0	0	N/A	N/A	0	0	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**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	34.0	96.0	5.0	18.0	106.0	24.0	10.0	16.0
Total opportunities	38.0	98.0	6.0	18.0	109.0	24.0	10.0	16.0
Indicator value	**94.2%**	**95.6%**	**95.3%**	**95.7%**	**95.6%**	**96.6%**	**96.9%**	**96.9%**

Licensee Comments: none

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	73.0	73.0	73.0	69.0	74.0	73.0	79.0	82.0
Total Key personnel	74.0	76.0	79.0	76.0	79.0	79.0	82.0	82.0
Indicator value	**98.6%**	**96.1%**	**92.4%**	**90.8%**	**93.7%**	**92.4%**	**96.3%**	**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	563	526	495	496	491	496	490	492
Total sirens-tests	568	534	499	497	497	497	497	497
Indicator value	**99.2%**	**99.0%**	**99.0%**	**99.1%**	**99.1%**	**99.4%**	**99.2%**	**99.0%**

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.

Last Modified: October 25, 2004

Salem 1

4Q/2004 Performance Indicators

Licensee's General Comments: none

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	0	1.0	0	0	0	0	0
Critical hours	2160.0	2183.0	1992.0	2142.3	2156.0	777.7	2158.4	1918.5
Indicator value	**0.9**	**0.9**	**1.8**	**0.8**	**0.8**	**1.0**	**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/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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**

Licensee Comments: none

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	4.0	0	1.0	2.0	0	3.0	0	0
Critical hours	2160.0	2183.0	1992.0	2142.3	2156.0	777.7	2158.4	1918.5
Indicator value	**5.2**	**3.4**	**4.4**	**5.8**	**2.5**	**5.9**	**4.8**	**3.0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	41.40	71.20	5.20	5.30	11.70	2.90	12.10	4.46
Unplanned unavailable hours	6.90	0	0	0	0	0	0	8.42
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	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	39.40	23.60	8.20	51.90	7.70	1.80	5.80	5.14
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	2184.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	21.40	41.60	5.00	6.80	36.90	1.20	6.50	7.08
Unplanned unavailable hours	0	0	1.50	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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**1.6%**	**1.6%**	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.4%**

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/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	66.20	30.80	13.60	7.20	38.90	0.30	17.80	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	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00	1918.47
Train 2								
Planned unavailable hours	35.00	6.10	1.90	11.70	41.90	61.60	65.40	38.96
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47
Train 3								
Planned unavailable hours	0	13.30	0	0	0	0	24.10	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	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00	1918.47
Train 4								
Planned unavailable hours	0	5.50	0	0	5.40	0	2.00	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	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00	1918.47
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**

Licensee Comments: none

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	1.20	1.20	1.30	15.00	0.80	0.70	12.30	1.70
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	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00	1918.47
Train 2								
Planned unavailable hours	0.70	69.30	43.30	29.30	20.90	21.30	0.80	1.70
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	2160.00	2183.00	1992.00	2142.00	2156.00	753.13	2149.00	1918.47
Train 3								
Planned unavailable hours	89.60	22.20	15.90	1.60	31.80	1.80	45.00	12.42
Unplanned unavailable hours	0	19.40	0	0	2.90	40.50	0	64.81
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47
Indicator value	**0.6%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**1.0%**

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/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0	28.10	6.50	0	13.70	0	0	0
Unplanned unavailable hours	0	0	10.40	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	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	13.10	23.80	1.20	0	0.10	0	35.00	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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

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	1	1	1	2	0	0
Indicator value	**1**	**0**	**1**	**2**	**3**	**5**	**4**	**3**

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	0.000671	0.000672	0.000712	0.000801	0.000818	0.000903	0.000925	0.000944	0.000959	0.000986	0.000946	0.001580
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	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum activity	0.000990	0.001000	0.004100	N/A	N/A	0.000362	0.000392	0.000418	0.001233	0.000466	0.000474	0.000446
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**	**0.4**	**N/A**	**N/A**	**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	**1/03**	**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	0	0	0	0	0	0	0	0.024	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**
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	0	0	N/A	N/A	0	0	0	0	0	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**	**0**	**0**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**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	96.0	5.0	18.0	106.0	24.0	10.0	16.0	101.0
Total opportunities	98.0	6.0	18.0	109.0	24.0	10.0	16.0	108.0
Indicator value	**95.6%**	**95.3%**	**95.7%**	**95.6%**	**96.6%**	**96.9%**	**96.9%**	**96.7%**

Licensee Comments: none

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	73.0	73.0	69.0	74.0	73.0	79.0	82.0	82.0
Total Key personnel	76.0	79.0	76.0	79.0	79.0	82.0	82.0	82.0
Indicator value	**96.1%**	**92.4%**	**90.8%**	**93.7%**	**92.4%**	**96.3%**	**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	526	495	496	491	496	490	492	487
Total sirens-tests	534	499	497	497	497	497	497	497
Indicator value	**99.0%**	**99.0%**	**99.1%**	**99.1%**	**99.4%**	**99.2%**	**99.0%**	**98.8%**

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.

Last Modified: March 9, 2005

Salem 1

1Q/2005 Performance Indicators

Licensee's General Comments: LERs 272/2004-005 and 272/2005-001 were counted as SSFFs

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	0	1.0	0	0	0	0	0	0
Critical hours	2183.0	1992.0	2142.3	2156.0	753.1	2148.8	1918.5	2160.0
Indicator value	**0.9**	**1.8**	**0.8**	**0.8**	**1.0**	**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/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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**

Licensee Comments: none

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	0	1.0	2.0	0	3.0	0	0	0
Critical hours	2183.0	1992.0	2142.3	2156.0	753.1	2148.8	1918.5	2160.0
Indicator value	**3.4**	**4.4**	**5.8**	**2.5**	**6.0**	**4.9**	**3.0**	**3.0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	71.20	5.20	5.30	11.70	2.90	12.10	4.46	4.31
Unplanned unavailable hours	0	0	0	0	0	0	8.42	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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	23.60	8.20	51.90	7.70	1.80	5.80	5.14	4.40
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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	41.60	5.00	6.80	36.90	1.20	6.50	7.08	3.41
Unplanned unavailable hours	0	1.50	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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.6%**	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.4%**	**1.3%**

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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	30.80	13.60	7.20	38.90	0.30	17.80	0	8.93
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 2								
Planned unavailable hours	6.10	1.90	11.70	41.90	61.60	65.40	38.96	2.00
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 3								
Planned unavailable hours	13.30	0	0	0	0	24.10	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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 4								
Planned unavailable hours	5.50	0	0	5.40	0	2.00	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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.8%**

Licensee Comments: none

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	1.20	1.30	15.00	0.80	0.70	12.30	1.70	1.55
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 2								
Planned unavailable hours	69.30	43.30	29.30	20.90	21.30	0.80	1.70	1.68
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 3								
Planned unavailable hours	22.20	15.90	1.60	31.80	1.80	45.00	12.42	8.12
Unplanned unavailable hours	19.40	0	0	2.90	40.50	0	64.81	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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**

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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	28.10	6.50	0	13.70	0	0	0	4.95
Unplanned unavailable hours	0	10.40	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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	23.80	1.20	0	0.10	0	35.00	0	7.57
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	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

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	1	1	1	2	0	0	2
Indicator value	**0**	**1**	**2**	**3**	**5**	**4**	**3**	**4**

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	0.000801	0.000818	0.000903	0.000925	0.000944	0.000959	0.000986	0.000946	0.001580	0.000990	0.001000	0.004100
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**	**0.1**	**0.1**	**0.4**

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	N/A	N/A	0.000362	0.000392	0.000418	0.001233	0.000466	0.000474	0.000446	0.000532	0.000503	0.000620
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**	**0.1**	**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	**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	0	0	0	0	0.024	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**	**0**	**0**	**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	N/A	N/A	0	0	0	0	0	0	0	0	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	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	5.0	18.0	106.0	24.0	10.0	16.0	101.0	19.0
Total opportunities	6.0	18.0	109.0	24.0	10.0	16.0	108.0	20.0
Indicator value	**95.3%**	**95.7%**	**95.6%**	**96.6%**	**96.9%**	**96.9%**	**96.7%**	**96.1%**

Licensee Comments: none

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	73.0	69.0	74.0	73.0	79.0	82.0	82.0	112.0
Total Key personnel	79.0	76.0	79.0	79.0	82.0	82.0	82.0	115.0
Indicator value	**92.4%**	**90.8%**	**93.7%**	**92.4%**	**96.3%**	**100.0%**	**100.0%**	**97.4%**

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	495	496	491	496	490	492	487	490
Total sirens-tests	499	497	497	497	497	497	497	497
Indicator value	**99.0%**	**99.1%**	**99.1%**	**99.4%**	**99.2%**	**99.0%**	**98.8%**	**98.5%**

Licensee Comments: none

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.

Last Modified: June 17, 2005

Salem 1

2Q/2005 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0	0	0	0	0
Critical hours	1992.0	2142.3	2156.0	753.1	2148.8	1918.5	2160.0	2144.4
Indicator value	**1.8**	**0.8**	**0.8**	**1.0**	**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	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	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	2.0	0	3.0	0	0	0	1.0
Critical hours	1992.0	2142.3	2156.0	753.1	2148.8	1918.5	2160.0	2144.4
Indicator value	**4.4**	**5.8**	**2.5**	**6.0**	**4.9**	**3.0**	**3.0**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	5.20	5.30	11.70	2.90	12.10	4.46	4.31	2.52
Unplanned unavailable hours	0	0	0	0	0	8.42	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	2160.00	2183.00
Train 2								
Planned unavailable hours	8.20	51.90	7.70	1.80	5.80	5.14	4.40	2.01
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	2160.00	2183.00
Train 3								
Planned unavailable hours	5.00	6.80	36.90	1.20	6.50	7.08	3.41	2.27
Unplanned unavailable hours	1.50	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.4%**	**1.3%**	**1.1%**

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	13.60	7.20	38.90	0.30	17.80	0	8.93	0
Unplanned unavailable hours	0	0	0	0	0	0	0	5.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37
Train 2								
Planned unavailable hours	1.90	11.70	41.90	61.60	65.40	38.96	2.00	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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37
Train 3								
Planned unavailable hours	0	0	0	0	24.10	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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37
Train 4								
Planned unavailable hours	0	0	5.40	0	2.00	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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.8%**	**0.7%**

Licensee Comments: none

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	1.30	15.00	0.80	0.70	12.30	1.70	1.55	0.82
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37
Train 2								
Planned unavailable hours	43.30	29.30	20.90	21.30	0.80	1.70	1.68	0.77
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37
Train 3								
Planned unavailable hours	15.90	1.60	31.80	1.80	45.00	12.42	8.12	1.01
Unplanned unavailable hours	0	0	2.90	40.50	0	64.81	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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.9%**

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	6.50	0	13.70	0	0	0	4.95	0
Unplanned unavailable hours	10.40	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	2160.00	2183.00
Train 2								
Planned unavailable hours	1.20	0	0.10	0	35.00	0	7.57	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

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	1	1	1	2	0	0	2	0
Indicator value	**1**	**2**	**3**	**5**	**4**	**3**	**4**	**2**

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	0.000925	0.000944	0.000959	0.000986	0.000946	0.001580	0.000990	0.001000	0.004100	N/A	N/A	0.000362
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**	**0.1**	**0.1**	**0.4**	**N/A**	**N/A**	**0**

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	0.000392	0.000418	0.001233	0.000466	0.000474	0.000446	0.000532	0.000503	0.000620	0.000630	0.000652	0.000647
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**	**0.1**	**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	7/03	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	0	0.024	0	0	0	0	0	0	N/A	N/A	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**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	18.0	106.0	24.0	10.0	16.0	101.0	19.0	7.0
Total opportunities	18.0	109.0	24.0	10.0	16.0	108.0	20.0	8.0
Indicator value	**95.7%**	**95.6%**	**96.6%**	**96.9%**	**96.9%**	**96.7%**	**96.1%**	**96.2%**

Licensee Comments: none

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	69.0	74.0	73.0	79.0	82.0	82.0	112.0	110.0
Total Key personnel	76.0	79.0	79.0	82.0	82.0	82.0	115.0	117.0
Indicator value	**90.8%**	**93.7%**	**92.4%**	**96.3%**	**100.0%**	**100.0%**	**97.4%**	**94.0%**

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	496	491	496	490	492	487	490	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.1%**	**99.1%**	**99.4%**	**99.2%**	**99.0%**	**98.8%**	**98.5%**	**98.8%**

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.

Last Modified: August 3, 2005

Salem 1

3Q/2005 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	0	0	0
Critical hours	2142.3	2156.0	753.1	2148.8	1918.5	2160.0	2144.4	2208.0
Indicator value	**0.8**	**0.8**	**1.0**	**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	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	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	2.0	0	3.0	0	0	0	1.0	0
Critical hours	2142.3	2156.0	753.1	2148.8	1918.5	2160.0	2144.4	2208.0
Indicator value	**5.8**	**2.5**	**6.0**	**4.9**	**3.0**	**3.0**	**0.8**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	5.30	11.70	2.90	12.10	4.46	4.31	2.52	1.93
Unplanned unavailable hours	0	0	0	0	8.42	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	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	51.90	7.70	1.80	5.80	5.14	4.40	2.01	3.47
Unplanned unavailable hours	0	0	0	0	0	0	0	25.21
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	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	6.80	36.90	1.20	6.50	7.08	3.41	2.27	3.20
Unplanned unavailable hours	0	0	0	0	0	0	0	49.66
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	2160.00	2183.00	2208.00
Indicator value	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.4%**	**1.3%**	**1.1%**	**0.7%**

Licensee Comments:

3Q/05: Salem 1 EDG 1C August T/2 Fault Exposure hours= 90.62

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	7.20	38.90	0.30	17.80	0	8.93	0	0
Unplanned unavailable hours	0	0	0	0	0	0	5.10	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	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00
Train 2								
Planned unavailable hours	11.70	41.90	61.60	65.40	38.96	2.00	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	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00
Train 3								
Planned unavailable hours	0	0	0	24.10	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	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00
Train 4								
Planned unavailable hours	0	5.40	0	2.00	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	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.8%**	**0.7%**	**0.6%**

Licensee Comments: none

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	15.00	0.80	0.70	12.30	1.70	1.55	0.82	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	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00
Train 2								
Planned unavailable hours	29.30	20.90	21.30	0.80	1.70	1.68	0.77	0.67
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	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00
Train 3								
Planned unavailable hours	1.60	31.80	1.80	45.00	12.42	8.12	1.01	0.90
Unplanned unavailable hours	0	2.90	40.50	0	64.81	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	2142.00	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00
Indicator value	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**

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	0	13.70	0	0	0	4.95	0	9.15
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	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0.10	0	35.00	0	7.57	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

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	1	1	2	0	0	2	0	1
Indicator value	**2**	**3**	**5**	**4**	**3**	**4**	**2**	**3**

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	0.000986	0.000946	0.001580	0.000990	0.001000	0.004100	N/A	N/A	0.000362	0.000392	0.000418	0.001233
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**	**0.1**	**0.1**	**0.4**	**N/A**	**N/A**	**0**	**0**	**0**	**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	0.000466	0.000474	0.000446	0.000532	0.000503	0.000620	0.000630	0.000652	0.000647	0.000698	0.000949	0.000707
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**	**0.1**	**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	0	0	0	0	0	N/A	N/A	0	0	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**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	106.0	24.0	10.0	16.0	101.0	19.0	7.0	14.0
Total opportunities	109.0	24.0	10.0	16.0	108.0	20.0	8.0	14.0
Indicator value	**95.6%**	**96.6%**	**96.9%**	**96.9%**	**96.7%**	**96.1%**	**96.2%**	**96.1%**

Licensee Comments: none

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	73.0	79.0	82.0	82.0	112.0	110.0	116.0
Total Key personnel	79.0	79.0	82.0	82.0	82.0	115.0	117.0	117.0
Indicator value	**93.7%**	**92.4%**	**96.3%**	**100.0%**	**100.0%**	**97.4%**	**94.0%**	**99.1%**

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	491	496	490	492	487	490	496	493
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.1%**	**99.4%**	**99.2%**	**99.0%**	**98.8%**	**98.5%**	**98.8%**	**98.9%**

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.

Last Modified: November 3, 2005

Salem 1

4Q/2005 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0
Critical hours	2156.0	753.1	2148.8	1918.5	2160.0	2144.4	2208.0	2209.0
Indicator value	**0.8**	**1.0**	**0**	**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	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	**1.0**	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	3.0	0	0	0	1.0	0	0
Critical hours	2156.0	753.1	2148.8	1918.5	2160.0	2144.4	2208.0	2209.0
Indicator value	**2.5**	**6.0**	**4.9**	**3.0**	**3.0**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	11.70	2.90	12.10	4.46	4.31	2.52	1.93	1.98
Unplanned unavailable hours	0	0	0	8.42	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	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	7.70	1.80	5.80	5.14	4.40	2.01	3.47	5.21
Unplanned unavailable hours	0	0	0	0	0	0	25.21	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	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	36.90	1.20	6.50	7.08	3.41	2.27	3.20	1.45
Unplanned unavailable hours	0	0	0	0	0	0	49.66	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	2160.00	2183.00	2208.00	2209.00
Indicator value	**1.5%**	**1.4%**	**1.4%**	**1.4%**	**1.3%**	**1.1%**	**0.7%**	**0.7%**

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	38.90	0.30	17.80	0	8.93	0	0	0
Unplanned unavailable hours	0	0	0	0	0	5.10	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	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02
Train 2								
Planned unavailable hours	41.90	61.60	65.40	38.96	2.00	0	0	5.78
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	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02
Train 3								
Planned unavailable hours	0	0	24.10	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0.12
Fault exposure hours	0	0	0	0	0	0	0	113.45
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02
Train 4								
Planned unavailable hours	5.40	0	2.00	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	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02
Indicator value	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.8%**	**0.7%**	**0.6%**	**0.7%**

Licensee Comments: none

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	0.80	0.70	12.30	1.70	1.55	0.82	1.40	0.37
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	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02
Train 2								
Planned unavailable hours	20.90	21.30	0.80	1.70	1.68	0.77	0.67	0.17
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	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02
Train 3								
Planned unavailable hours	31.80	1.80	45.00	12.42	8.12	1.01	0.90	1.25
Unplanned unavailable hours	2.90	40.50	0	64.81	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	2156.00	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02
Indicator value	**0.8%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**

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	13.70	0	0	0	4.95	0	9.15	6.60
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0.10	0	35.00	0	7.57	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

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	1	2	0	0	2	0	1	0
Indicator value	**3**	**5**	**4**	**3**	**4**	**2**	**3**	**3**

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	0.000990	0.001000	0.004100	N/A	N/A	0.000362	0.000392	0.000418	0.001233	0.000466	0.000474	0.000446
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**	**0.4**	**N/A**	**N/A**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**

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	0.000532	0.000503	0.000620	0.000630	0.000652	0.000647	0.000698	0.000949	0.000707	0.001524	0.000289	0.000309
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**	**0**

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	0	0	N/A	N/A	0	0	0	0	0	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**	**0**	**0**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	24.0	10.0	16.0	101.0	19.0	7.0	14.0	65.0
Total opportunities	24.0	10.0	16.0	108.0	20.0	8.0	14.0	68.0
Indicator value	**96.6%**	**96.9%**	**96.9%**	**96.7%**	**96.1%**	**96.2%**	**96.1%**	**95.5%**

Licensee Comments: none

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	73.0	79.0	82.0	82.0	112.0	110.0	116.0	108.0
Total Key personnel	79.0	82.0	82.0	82.0	115.0	117.0	117.0	108.0
Indicator value	**92.4%**	**96.3%**	**100.0%**	**100.0%**	**97.4%**	**94.0%**	**99.1%**	**100.0%**

Licensee Comments: none

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	496	490	492	487	490	496	493	493
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.4%**	**99.2%**	**99.0%**	**98.8%**	**98.5%**	**98.8%**	**98.9%**	**99.2%**

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.

Last Modified: January 30, 2006

Salem 1

1Q/2006 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	1.0
Critical hours	753.1	2148.8	1918.5	2160.0	2144.4	2208.0	2209.0	2134.4
Indicator value	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	1.0
Indicator value	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**

Licensee Comments: none

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	3.0	0	0	0	1.0	0	0	1.0
Critical hours	753.1	2148.8	1918.5	2160.0	2144.4	2208.0	2209.0	2134.4
Indicator value	**6.0**	**4.9**	**3.0**	**3.0**	**0.8**	**0.8**	**0.8**	**1.6**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	2.90	12.10	4.46	4.31	2.52	1.93	1.98	4.97
Unplanned unavailable hours	0	0	8.42	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	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.80	5.80	5.14	4.40	2.01	3.47	5.21	1.88
Unplanned unavailable hours	0	0	0	0	0	25.21	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	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	1.20	6.50	7.08	3.41	2.27	3.20	1.45	9.05
Unplanned unavailable hours	0	0	0	0	0	49.66	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	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.4%**	**1.4%**	**1.4%**	**1.3%**	**1.1%**	**0.7%**	**0.7%**	**0.6%**

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	0.30	17.80	0	8.93	0	0	0	0
Unplanned unavailable hours	0	0	0	0	5.10	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	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02	2160.00
Train 2								
Planned unavailable hours	61.60	65.40	38.96	2.00	0	0	5.78	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	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02	2160.00
Train 3								
Planned unavailable hours	0	24.10	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0.12	0
Fault exposure hours	0	0	0	0	0	0	113.45	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02	2160.00
Train 4								
Planned unavailable hours	0	2.00	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	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02	2160.00
Indicator value	**0.9%**	**1.0%**	**0.9%**	**0.8%**	**0.7%**	**0.6%**	**0.7%**	**0.6%**

Licensee Comments: none

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	0.70	12.30	1.70	1.55	0.82	1.40	0.37	1.68
Unplanned unavailable hours	0	0	0	0	0	0	0	3.12
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02	2160.00
Train 2								
Planned unavailable hours	21.30	0.80	1.70	1.68	0.77	0.67	0.17	1.13
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	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02	2160.00
Train 3								
Planned unavailable hours	1.80	45.00	12.42	8.12	1.01	0.90	1.25	1.75
Unplanned unavailable hours	40.50	0	64.81	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	753.13	2149.00	1918.47	2160.00	2144.37	2208.00	1622.02	2160.00
Indicator value	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**	**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/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	0	0	4.95	0	9.15	6.60	19.93
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	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	35.00	0	7.57	0	0	0	25.73
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	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**

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	2	0	0	2	0	1	0	0
Indicator value	**5**	**4**	**3**	**4**	**2**	**3**	**3**	**1**

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	N/A	N/A	0.000362	0.000392	0.000418	0.001233	0.000466	0.000474	0.000446	0.000532	0.000503	0.000620
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**	**0.1**	**0**	**0**	**0**	**0.1**	**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	0.000630	0.000652	0.000647	0.000698	0.000949	0.000707	0.001524	0.000289	0.000309	0.000347	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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	N/A	N/A	0	0	0	0	0	0	0	0	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	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	10.0	16.0	101.0	19.0	7.0	14.0	65.0	75.0
Total opportunities	10.0	16.0	108.0	20.0	8.0	14.0	68.0	76.0
Indicator value	**96.9%**	**96.9%**	**96.7%**	**96.1%**	**96.2%**	**96.1%**	**95.5%**	**95.9%**

Licensee Comments: none

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	79.0	82.0	82.0	112.0	110.0	116.0	108.0	111.0
Total Key personnel	82.0	82.0	82.0	115.0	117.0	117.0	108.0	111.0
Indicator value	**96.3%**	**100.0%**	**100.0%**	**97.4%**	**94.0%**	**99.1%**	**100.0%**	**100.0%**

Licensee Comments: none

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	490	492	487	490	496	493	493	492
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.2%**	**99.0%**	**98.8%**	**98.5%**	**98.8%**	**98.9%**	**99.2%**	**99.3%**

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.

Last Modified: May 5, 2006

Salem 1

2Q/2006 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	1.0	0
Critical hours	2148.8	1918.5	2160.0	2144.4	2208.0	1622.0	2134.4	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Scrams	0	0	0	0	0	0	1.0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**

Licensee Comments: none

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	1.0	0	0	1.0	0
Critical hours	2148.8	1918.5	2160.0	2144.4	2208.0	1622.0	2134.4	2183.0
Indicator value	**4.9**	**3.0**	**3.0**	**0.8**	**0.8**	**0.9**	**1.7**	**0.9**

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	0	2	0	1	1	0	0
Indicator value	**4**	**3**	**4**	**2**	**3**	**4**	**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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-5.10E-07
URI (ΔCDF)								-9.00E-06
PLE								NO
Indicator value								**-9.51E-06**

Licensee Comments:

2Q/06: Risk Cap Invoked.

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 (ΔCDF)								-6.50E-08
URI (ΔCDF)								-4.50E-08
PLE								NO
Indicator value								**-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								2.60E-07
URI (ΔCDF)								3.60E-07
PLE								NO
Indicator value								**6.20E-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								8.30E-09
URI (ΔCDF)								-1.10E-07
PLE								NO
Indicator value								**-1.02E-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)								-2.30E-07
URI (ΔCDF)								7.40E-07
PLE								NO
Indicator value								**5.10E-07**

Licensee Comments:

2Q/06: Risk Cap Invoked.

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	0.000392	0.000418	0.001233	0.000466	0.000474	0.000446	0.000532	0.000503	0.000620	0.000630	0.000652	0.000647
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**	**0.1**	**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	0.000698	0.000949	0.000707	0.001524	0.000289	0.000309	0.000347	0.000367	0.000370	0.000389	0.000354	0.000151
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**	**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	**7/04**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	16.0	101.0	19.0	7.0	14.0	65.0	75.0	36.0
Total opportunities	16.0	108.0	20.0	8.0	14.0	68.0	76.0	38.0
Indicator value	**96.9%**	**96.7%**	**96.1%**	**96.2%**	**96.1%**	**95.5%**	**95.9%**	**95.7%**

Licensee Comments: none

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	82.0	82.0	112.0	110.0	116.0	108.0	111.0	107.0
Total Key personnel	82.0	82.0	115.0	117.0	117.0	108.0	111.0	107.0
Indicator value	**100.0%**	**100.0%**	**97.4%**	**94.0%**	**99.1%**	**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	492	487	490	496	493	493	492	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.0%**	**98.8%**	**98.5%**	**98.8%**	**98.9%**	**99.2%**	**99.3%**	**99.3%**

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.

Last Modified: August 2, 2006

Salem 1

3Q/2006 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	1.0	0	0
Critical hours	1918.5	2160.0	2144.4	2208.0	1622.0	2134.4	2183.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	0	0	0	1.0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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	1.0	0	0	1.0	0	0
Critical hours	1918.5	2160.0	2144.4	2208.0	1622.0	2134.4	2183.0	2208.0
Indicator value	**3.0**	**3.0**	**0.8**	**0.8**	**0.9**	**1.7**	**0.9**	**0.9**

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	0	2	0	1	1	0	0	0
Indicator value	**3**	**4**	**2**	**3**	**4**	**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	**4Q/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							-5.10E-07	-5.20E-07
URI (ΔCDF)							-9.00E-06	-8.80E-06
PLE							NO	NO
Indicator value							**-9.51E-06**	**-9.32E-06**

Licensee Comments:

3Q/06: Risk Cap Invoked.

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)							-6.50E-08	-6.50E-08
URI (ΔCDF)							-4.50E-08	-4.50E-08
PLE							NO	NO
Indicator value							**-1.10E-07**	**-1.10E-07**

Licensee Comments:

3Q/06: Changed PRA Parameter(s).

2Q/06: 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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.60E-07	2.60E-07
URI (ΔCDF)							3.60E-07	4.00E-07
PLE							NO	NO
Indicator value							**6.20E-07**	**6.60E-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/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							8.30E-09	-3.40E-08
URI (ΔCDF)							-1.10E-07	-1.10E-07
PLE							NO	NO
Indicator value							**-1.02E-07**	**-1.44E-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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-2.30E-07	-2.20E-07
URI (ΔCDF)							9.10E-07	9.10E-07
PLE							NO	NO
Indicator value							**6.80E-07**	**6.90E-07**

Licensee Comments:

3Q/06: Risk Cap Invoked.

2Q/06: Risk Cap Invoked.

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	0.000466	0.000474	0.000446	0.000532	0.000503	0.000620	0.000630	0.000652	0.000647	0.000698	0.000949	0.001161
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**	**0.1**	**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	0.001524	0.000289	0.000309	0.000347	0.000367	0.000370	0.000389	0.000354	0.000151	0.000232	0.000157	0.000176
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**	**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	**10/04**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	101.0	19.0	7.0	14.0	65.0	75.0	36.0	45.0
Total opportunities	108.0	20.0	8.0	14.0	68.0	76.0	38.0	46.0
Indicator value	**96.7%**	**96.1%**	**96.2%**	**96.1%**	**95.5%**	**95.9%**	**95.7%**	**95.8%**

Licensee Comments: none

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	82.0	112.0	110.0	116.0	108.0	111.0	107.0	110.0
Total Key personnel	82.0	115.0	117.0	117.0	108.0	111.0	107.0	117.0
Indicator value	**100.0%**	**97.4%**	**94.0%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**94.0%**

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	487	490	496	493	493	492	496	485
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**98.8%**	**98.5%**	**98.8%**	**98.9%**	**99.2%**	**99.3%**	**99.3%**	**98.9%**

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.

Last Modified: November 6, 2006

Salem 1

4Q/2006 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	1.0	0	0	0
Critical hours	2160.0	2144.4	2208.0	1622.0	2134.4	2183.0	2208.0	2209.0
Indicator value	**0**	**0.8**	**0.8**	**0.9**	**1.7**	**0.9**	**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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Scrams	0	0	0	0	1.0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**1.0**	**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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2160.0	2144.4	2208.0	1622.0	2134.4	2183.0	2208.0	2209.0
Indicator value	**3.0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**

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	2	0	1	1	0	0	0	1
Indicator value	**4**	**2**	**3**	**4**	**2**	**2**	**1**	**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	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						-8.40E-07	-8.40E-07	-8.40E-07
URI (ΔCDF)						-9.00E-06	-8.80E-06	-8.60E-06
PLE						NO	NO	NO
Indicator value						**-9.84E-06**	**-9.64E-06**	**-9.44E-06**

Licensee Comments:

4Q/06: Risk Cap Invoked.

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 (ΔCDF)						-9.80E-08	-9.80E-08	-9.50E-08
URI (ΔCDF)						-4.50E-08	-4.50E-08	-5.30E-09
PLE						NO	NO	NO
Indicator value						**-1.43E-07**	**-1.43E-07**	**-1.00E-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)						-8.30E-08	-8.30E-08	-8.30E-08
URI (ΔCDF)						3.60E-07	4.00E-07	4.40E-07
PLE						NO	NO	NO
Indicator value						**2.77E-07**	**3.17E-07**	**3.57E-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 (ΔCDF)						8.30E-09	-3.40E-08	-3.40E-08
URI (ΔCDF)						-1.10E-07	-1.10E-07	-1.00E-07
PLE						NO	NO	NO
Indicator value						**-1.02E-07**	**-1.44E-07**	**-1.34E-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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						-4.50E-07	-4.30E-07	-4.30E-07
URI (ΔCDF)						9.10E-07	9.10E-07	1.30E-06
PLE						NO	NO	NO
Indicator value						**4.60E-07**	**4.80E-07**	**8.70E-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	0.000532	0.000503	0.000620	0.000630	0.000652	0.000647	0.000698	0.000949	0.001161	0.001524	0.000289	0.000309
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**	**0**
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	0.000347	0.000367	0.000370	0.000389	0.000354	0.000151	0.000232	0.000157	0.000176	0.000178	0.000181	0.000309
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**

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	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	19.0	7.0	14.0	65.0	75.0	36.0	49.0	88.0
Total opportunities	20.0	8.0	14.0	68.0	76.0	38.0	50.0	91.0
Indicator value	**96.1%**	**96.2%**	**96.1%**	**95.5%**	**95.9%**	**95.7%**	**95.8%**	**96.7%**

Licensee Comments: none

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	112.0	110.0	116.0	108.0	111.0	107.0	110.0	112.0
Total Key personnel	115.0	117.0	117.0	108.0	111.0	107.0	117.0	112.0
Indicator value	**97.4%**	**94.0%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**94.0%**	**100.0%**

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	490	496	493	493	492	496	485	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**98.5%**	**98.8%**	**98.9%**	**99.2%**	**99.3%**	**99.3%**	**98.9%**	**99.0%**

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.

Last Modified: February 7, 2007

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1Q/2007 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	1.0	0	0	0	0
Critical hours	2144.4	2208.0	1622.0	2134.4	2183.0	2208.0	2209.0	2059.0
Indicator value	**0.8**	**0.8**	**0.9**	**1.7**	**0.9**	**0.9**	**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/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	0	0	0	1.0	0	0	0	0
Indicator value	**0**	**0**	**0**	**1.0**	**1.0**	**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/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2144.4	2208.0	1622.0	2134.4	2183.0	2208.0	2209.0	2059.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**

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	1	1	0	0	0	1	0
Indicator value	**2**	**3**	**4**	**2**	**2**	**1**	**1**	**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/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07
URI (ΔCDF)					-9.00E-06	-8.80E-06	-8.60E-06	-6.40E-06
PLE					NO	NO	NO	NO
Indicator value					**-9.84E-06**	**-9.64E-06**	**-9.44E-06**	**-7.24E-06**

Licensee Comments:

1Q/07: Risk Cap Invoked.

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 (ΔCDF)					-9.80E-08	-9.80E-08	-9.50E-08	-9.50E-08
URI (ΔCDF)					-4.50E-08	-4.50E-08	-5.30E-09	-5.40E-09
PLE					NO	NO	NO	NO
Indicator value					**-1.43E-07**	**-1.43E-07**	**-1.00E-07**	**-1.00E-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/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08
URI (ΔCDF)					3.60E-07	4.00E-07	4.40E-07	-4.30E-07
PLE					NO	NO	NO	NO
Indicator value					**2.77E-07**	**3.17E-07**	**3.57E-07**	**-5.13E-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)					8.30E-09	-3.40E-08	-3.40E-08	-3.50E-08
URI (ΔCDF)					-1.10E-07	-1.10E-07	-1.00E-07	-1.10E-07
PLE					NO	NO	NO	NO
Indicator value					**-1.02E-07**	**-1.44E-07**	**-1.34E-07**	**-1.45E-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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-4.50E-07	-4.30E-07	-4.30E-07	-3.90E-07
URI (ΔCDF)					9.10E-07	9.10E-07	1.30E-06	6.10E-08
PLE					NO	NO	NO	NO
Indicator value					**4.60E-07**	**4.80E-07**	**8.70E-07**	**-3.29E-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	0.000630	0.000652	0.000647	0.000698	0.000949	0.001161	0.001524	0.000289	0.000309	0.000347	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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0**	**0**	**0**	**0**	**0**
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	0.000389	0.000354	0.000151	0.000232	0.000157	0.000176	0.000178	0.000181	0.000309	0.000279	0.000275	0.000453
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**

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	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	7.0	14.0	65.0	75.0	36.0	49.0	88.0	24.0
Total opportunities	8.0	14.0	68.0	76.0	38.0	50.0	91.0	24.0
Indicator value	**96.2%**	**96.1%**	**95.5%**	**95.9%**	**95.7%**	**95.8%**	**96.7%**	**97.0%**

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	110.0	116.0	108.0	111.0	107.0	110.0	112.0	106.0
Total Key personnel	117.0	117.0	108.0	111.0	107.0	117.0	112.0	110.0
Indicator value	**94.0%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**94.0%**	**100.0%**	**96.4%**

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	496	493	493	492	496	485	496	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**98.8%**	**98.9%**	**99.2%**	**99.3%**	**99.3%**	**98.9%**	**99.0%**	**99.3%**

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.

Last Modified: June 1, 2007

Salem 1

2Q/2007 Performance Indicators

Licensee's General Comments: none

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	0	0	1.0	0	0	0	0	2.0
Critical hours	2208.0	1622.0	2134.4	2183.0	2208.0	2209.0	2059.0	1697.1
Indicator value	**0.8**	**0.9**	**1.7**	**0.9**	**0.9**	**0.8**	**0**	**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	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	**0**	**0**	**1.0**	**1.0**	**1.0**	**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	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	1622.0	2134.4	2183.0	2208.0	2209.0	2059.0	1697.1
Indicator value	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0**

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	1	1	0	0	0	1	0	0
Indicator value	**3**	**4**	**2**	**2**	**1**	**1**	**1**	**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	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07
URI (ΔCDF)				-9.00E-06	-8.80E-06	-8.60E-06	-6.40E-06	-6.30E-06
PLE				NO	NO	NO	NO	NO
Indicator value				**-9.84E-06**	**-9.64E-06**	**-9.44E-06**	**-7.24E-06**	**-7.14E-06**

Licensee Comments:

2Q/07: Risk Cap Invoked.

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 (ΔCDF)				-9.80E-08	-9.80E-08	-9.50E-08	-9.50E-08	-9.50E-08
URI (ΔCDF)				-4.50E-08	-4.50E-08	-5.30E-09	-5.40E-09	-5.40E-09
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.43E-07**	**-1.43E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-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/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08
URI (ΔCDF)				3.60E-07	4.00E-07	4.40E-07	-4.30E-07	-4.70E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**2.77E-07**	**3.17E-07**	**3.57E-07**	**-5.13E-07**	**-5.53E-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)				8.30E-09	-3.40E-08	-3.40E-08	-3.50E-08	-3.70E-08
URI (ΔCDF)				-1.10E-07	-1.10E-07	-1.00E-07	-1.10E-07	-1.10E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.02E-07**	**-1.44E-07**	**-1.34E-07**	**-1.45E-07**	**-1.47E-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/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-4.50E-07	-4.30E-07	-4.30E-07	-3.90E-07	-4.00E-07
URI (ΔCDF)				9.10E-07	9.10E-07	1.30E-06	6.10E-08	-9.90E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**4.60E-07**	**4.80E-07**	**8.70E-07**	**-3.29E-07**	**-1.39E-06**

Licensee Comments: none

Reactor Coolant System Activity

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	0.000698	0.000949	0.001161	0.001524	0.000289	0.000309	0.000347	0.000367	0.000370	0.000389	0.000354	0.000151
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000232	0.000157	0.000176	0.000178	0.000181	0.000309	0.000279	0.000275	0.000453	N/A	0.000096	0.000126
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**	**N/A**	**0**	**0**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	14.0	65.0	75.0	36.0	49.0	88.0	24.0	20.0
Total opportunities	14.0	68.0	76.0	38.0	50.0	91.0	24.0	20.0
Indicator value	**96.1%**	**95.5%**	**95.9%**	**95.7%**	**95.8%**	**96.7%**	**97.0%**	**97.4%**

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	116.0	108.0	111.0	107.0	110.0	112.0	106.0	113.0
Total Key personnel	117.0	108.0	111.0	107.0	117.0	112.0	110.0	116.0
Indicator value	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**94.0%**	**100.0%**	**96.4%**	**97.4%**

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	493	493	492	496	485	496	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**98.9%**	**99.2%**	**99.3%**	**99.3%**	**98.9%**	**99.0%**	**99.3%**	**99.3%**

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	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/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.

Last Modified: August 6, 2007

Salem 1

3Q/2007 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0	0	2.0	0
Critical hours	1622.0	2134.4	2183.0	2208.0	2209.0	2059.0	1697.1	2208.0
Indicator value	**0.9**	**1.7**	**0.9**	**0.9**	**0.8**	**0**	**1.7**	**1.7**

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	1.0	0	0	0	0	0	0
Critical hours	1622.0	2134.4	2183.0	2208.0	2209.0	2059.0	1697.1	2208.0
Indicator value	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**

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	1	0	0	0	1	0	0	0
Indicator value	**4**	**2**	**2**	**1**	**1**	**1**	**1**	**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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07
URI (ΔCDF)			-9.00E-06	-8.80E-06	-8.60E-06	-6.40E-06	-6.30E-06	-6.00E-06
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-9.84E-06**	**-9.64E-06**	**-9.44E-06**	**-7.24E-06**	**-7.14E-06**	**-6.84E-06**

Licensee Comments:

3Q/07: Risk Cap Invoked.

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 (ΔCDF)			-9.80E-08	-9.80E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08
URI (ΔCDF)			-4.50E-08	-4.50E-08	-5.30E-09	-5.40E-09	-5.40E-09	-5.40E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.43E-07**	**-1.43E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-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/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08
URI (ΔCDF)			3.60E-07	4.00E-07	4.40E-07	-4.30E-07	-4.70E-07	-4.50E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**2.77E-07**	**3.17E-07**	**3.57E-07**	**-5.13E-07**	**-5.53E-07**	**-5.33E-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)			8.30E-09	-3.40E-08	-3.40E-08	-3.50E-08	-3.70E-08	-3.70E-08
URI (ΔCDF)			-1.10E-07	-1.10E-07	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.02E-07**	**-1.44E-07**	**-1.34E-07**	**-1.45E-07**	**-1.47E-07**	**-1.47E-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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-4.50E-07	-4.30E-07	-4.30E-07	-3.90E-07	-4.00E-07	-4.10E-07
URI (ΔCDF)			9.10E-07	9.10E-07	1.30E-06	6.10E-08	-9.90E-07	-9.90E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**4.60E-07**	**4.80E-07**	**8.70E-07**	**-3.29E-07**	**-1.39E-06**	**-1.40E-06**

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	0.001524	0.000289	0.000309	0.000347	0.000367	0.000370	0.000389	0.000354	0.000151	0.000232	0.000157	0.000176
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000178	0.000181	0.000309	0.000279	0.000275	0.000453	N/A	0.000096	0.000126	0.000122	0.000142	0.000137
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**	**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	**10/05**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	65.0	75.0	36.0	49.0	88.0	24.0	20.0	50.0
Total opportunities	68.0	76.0	38.0	50.0	91.0	24.0	20.0	52.0
Indicator value	**95.5%**	**95.9%**	**95.7%**	**95.8%**	**96.7%**	**97.0%**	**97.4%**	**97.1%**

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	108.0	111.0	107.0	110.0	112.0	106.0	113.0	113.0
Total Key personnel	108.0	111.0	107.0	117.0	112.0	110.0	116.0	118.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**94.0%**	**100.0%**	**96.4%**	**97.4%**	**95.8%**

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	493	492	496	485	496	497	497	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.2%**	**99.3%**	**99.3%**	**98.9%**	**99.0%**	**99.3%**	**99.3%**	**99.9%**

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: none

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.

Last Modified: December 7, 2007

Salem 1

4Q/2007 Performance Indicators

Licensee's General Comments: Basis document for MSPI EAC FV and U coefficients have been changed to reflect failure-mode specific values, as permitted by Option 2 in NEI 99-02. Basis document for MSPI Cooling Water FV and U coefficients have been changed to reflect failure-mode specific values, as permitted by Option 2 in NEI 99-02.

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	1.0	0	0	0	0	2.0	0	1.0
Critical hours	2134.4	2183.0	2208.0	2209.0	2059.0	1697.1	2208.0	2130.9
Indicator value	**1.7**	**0.9**	**0.9**	**0.8**	**0**	**1.7**	**1.7**	**2.6**

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	1.0	0	0	0	0	0	0	0
Critical hours	2134.4	2183.0	2208.0	2209.0	2059.0	1697.1	2208.0	2130.9
Indicator value	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**	**0**

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	1	0	0	0	0
Indicator value	**2**	**2**	**1**	**1**	**1**	**1**	**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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-6.00E-07
URI (ΔCDF)		-9.00E-06	-8.80E-06	-8.60E-06	-6.40E-06	-6.30E-06	-6.00E-06	1.30E-05
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-9.84E-06**	**-9.64E-06**	**-9.44E-06**	**-7.24E-06**	**-7.14E-06**	**-6.84E-06**	**1.24E-05**

Licensee Comments:

4Q/07: 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/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-9.80E-08	-9.80E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08
URI (ΔCDF)		-4.50E-08	-4.50E-08	-5.30E-09	-5.40E-09	-5.40E-09	-5.40E-09	-5.40E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.43E-07**	**-1.43E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-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/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08
URI (ΔCDF)		3.60E-07	4.00E-07	4.40E-07	-4.30E-07	-4.70E-07	-4.50E-07	-4.40E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**2.77E-07**	**3.17E-07**	**3.57E-07**	**-5.13E-07**	**-5.53E-07**	**-5.33E-07**	**-5.23E-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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		8.30E-09	-3.40E-08	-3.40E-08	-3.50E-08	-3.70E-08	-3.70E-08	-3.70E-08
URI (ΔCDF)		-1.10E-07	-1.10E-07	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.02E-07**	**-1.44E-07**	**-1.34E-07**	**-1.45E-07**	**-1.47E-07**	**-1.47E-07**	**-1.47E-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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-4.50E-07	-4.30E-07	-4.30E-07	-3.90E-07	-4.00E-07	-4.10E-07	-2.90E-07
URI (ΔCDF)		9.10E-07	9.10E-07	1.30E-06	6.10E-08	-9.90E-07	-9.90E-07	-9.90E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**4.60E-07**	**4.80E-07**	**8.70E-07**	**-3.29E-07**	**-1.39E-06**	**-1.40E-06**	**-1.28E-06**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000347	0.000367	0.000370	0.000389	0.000354	0.000151	0.000232	0.000157	0.000176	0.000178	0.000181	0.000309
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**

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	0.000279	0.000275	0.000453	N/A	0.000096	0.000126	0.000122	0.000142	0.000137	0.000169	0.000138	0.000127
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**	**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	**1/06**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	75.0	36.0	49.0	88.0	24.0	20.0	50.0	47.0
Total opportunities	76.0	38.0	50.0	91.0	24.0	20.0	52.0	48.0
Indicator value	**95.9%**	**95.7%**	**95.8%**	**96.7%**	**97.0%**	**97.4%**	**97.1%**	**97.5%**

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	111.0	107.0	110.0	112.0	106.0	113.0	113.0	115.0
Total Key personnel	111.0	107.0	117.0	112.0	110.0	116.0	118.0	115.0
Indicator value	**100.0%**	**100.0%**	**94.0%**	**100.0%**	**96.4%**	**97.4%**	**95.8%**	**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	492	496	485	496	497	497	496	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.3%**	**99.3%**	**98.9%**	**99.0%**	**99.3%**	**99.3%**	**99.9%**	**99.9%**

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.

Last Modified: February 4, 2008

Salem 1

1Q/2008 Performance Indicators

Licensee's General Comments: This change file should return the data to the state prior to the 3/31/2008 change file.

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	0	0	0	0	2.0	0	1.0	0
Critical hours	2183.0	2208.0	2209.0	2059.0	1697.1	2208.0	2130.9	2177.0
Indicator value	**0.9**	**0.9**	**0.8**	**0**	**1.7**	**1.7**	**2.6**	**2.6**

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	0	0	0	0	0	1.0
Critical hours	2183.0	2208.0	2209.0	2059.0	1697.1	2208.0	2130.9	2177.0
Indicator value	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**	**0**	**0.9**

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	1	0	0	0	0	0
Indicator value	**2**	**1**	**1**	**1**	**1**	**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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-6.00E-07	-6.00E-07
URI (ΔCDF)	-9.00E-06	-8.80E-06	-8.60E-06	-6.40E-06	-6.30E-06	-6.00E-06	1.30E-05	-2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.84E-06**	**-9.64E-06**	**-9.44E-06**	**-7.24E-06**	**-7.14E-06**	**-6.84E-06**	**1.24E-05**	**-2.60E-06**

Licensee Comments:

1Q/08: Risk Cap Invoked. Yellow threshold exceeded in 4Q07 due to Diesel Generator failure to start. Indicator returned to Green in 1Q08 by crediting failure mode specific values from the existing PRA of record.

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)	-9.80E-08	-9.80E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08
URI (ΔCDF)	-4.50E-08	-4.50E-08	-5.30E-09	-5.40E-09	-5.40E-09	-5.40E-09	-5.40E-09	-5.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.43E-07**	**-1.43E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08
URI (ΔCDF)	3.60E-07	4.00E-07	4.40E-07	-4.30E-07	-4.70E-07	-4.50E-07	-4.40E-07	-3.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.77E-07**	**3.17E-07**	**3.57E-07**	**-5.13E-07**	**-5.53E-07**	**-5.33E-07**	**-5.23E-07**	**-4.03E-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)	8.30E-09	-3.40E-08	-3.40E-08	-3.50E-08	-3.70E-08	-3.70E-08	-3.70E-08	-3.70E-08
URI (ΔCDF)	-1.10E-07	-1.10E-07	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.02E-07**	**-1.44E-07**	**-1.34E-07**	**-1.45E-07**	**-1.47E-07**	**-1.47E-07**	**-1.47E-07**	**-1.37E-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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-4.50E-07	-4.30E-07	-4.30E-07	-3.90E-07	-4.00E-07	-4.10E-07	-2.90E-07	-2.10E-07
URI (ΔCDF)	9.10E-07	9.10E-07	1.30E-06	6.10E-08	-9.90E-07	-9.90E-07	-9.90E-07	-9.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.60E-07**	**4.80E-07**	**8.70E-07**	**-3.29E-07**	**-1.39E-06**	**-1.40E-06**	**-1.28E-06**	**-1.20E-06**

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	0.000389	0.000354	0.000151	0.000232	0.000157	0.000176	0.000178	0.000181	0.000309	0.000279	0.000275	0.000453
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**

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	N/A	0.000096	0.000126	0.000122	0.000142	0.000137	0.000169	0.000138	0.000127	0.000133	0.000136	0.000136
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	4/06	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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	36.0	49.0	88.0	24.0	20.0	50.0	47.0	32.0
Total opportunities	38.0	50.0	91.0	24.0	20.0	52.0	48.0	34.0
Indicator value	**95.7%**	**95.8%**	**96.7%**	**97.0%**	**97.4%**	**97.1%**	**97.5%**	**96.9%**

Licensee Comments: none

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	107.0	110.0	112.0	106.0	113.0	113.0	115.0	109.0
Total Key personnel	107.0	117.0	112.0	110.0	116.0	118.0	115.0	111.0
Indicator value	**100.0%**	**94.0%**	**100.0%**	**96.4%**	**97.4%**	**95.8%**	**100.0%**	**98.2%**

Licensee Comments: none

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	496	485	496	497	497	496	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.3%**	**98.9%**	**99.0%**	**99.3%**	**99.3%**	**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/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.

Last Modified: April 30, 2008

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2Q/2008 Performance Indicators

Licensee's General Comments: none

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	2.0	0	1.0	0	0
Critical hours	2208.0	2209.0	2059.0	1697.1	2208.0	2130.9	2177.0	2184.0
Indicator value	**0.9**	**0.8**	**0**	**1.7**	**1.7**	**2.6**	**2.6**	**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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2059.0	1697.1	2208.0	2130.9	2177.0	2184.0
Indicator value	**0.9**	**0.8**	**0**	**0**	**0**	**0**	**0.9**	**0.8**

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	1	0	0	0	0	0	0
Indicator value	**1**	**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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-6.00E-07	-6.00E-07	-3.70E-07
URI (ΔCDF)	-8.80E-06	-8.60E-06	-6.40E-06	-6.30E-06	-6.00E-06	1.30E-05	-2.00E-06	-1.50E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.64E-06**	**-9.44E-06**	**-7.24E-06**	**-7.14E-06**	**-6.84E-06**	**1.24E-05**	**-2.60E-06**	**-1.87E-06**

Licensee Comments:

2Q/08: Risk Cap Invoked. Changed PRA Parameter(s). Changed MSPI coefficients based on revisions to PRA and MSPI Basis Document, effective 2Q08.

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)	-9.80E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-6.40E-10
URI (ΔCDF)	-4.50E-08	-5.30E-09	-5.40E-09	-5.40E-09	-5.40E-09	-5.40E-09	-5.30E-09	-1.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.43E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.21E-07**

Licensee Comments:

2Q/08: Changed PRA Parameter(s). Changed MSPI coefficients based on revisions to PRA and MSPI Basis Document, effective 2Q08.

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)	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-4.70E-08
URI (ΔCDF)	4.00E-07	4.40E-07	-4.30E-07	-4.70E-07	-4.50E-07	-4.40E-07	-3.20E-07	-2.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.17E-07**	**3.57E-07**	**-5.13E-07**	**-5.53E-07**	**-5.33E-07**	**-5.23E-07**	**-4.03E-07**	**-2.87E-07**

Licensee Comments:

2Q/08: Changed PRA Parameter(s). Changed MSPI coefficients based on revisions to PRA and MSPI Basis Document, effective 2Q08.

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)	-3.40E-08	-3.40E-08	-3.50E-08	-3.70E-08	-3.70E-08	-3.70E-08	-3.70E-08	-1.60E-08
URI (ΔCDF)	-1.10E-07	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.00E-07	-4.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.44E-07**	**-1.34E-07**	**-1.45E-07**	**-1.47E-07**	**-1.47E-07**	**-1.47E-07**	**-1.37E-07**	**-6.50E-08**

Licensee Comments:

2Q/08: Changed PRA Parameter(s). Changed MSPI coefficients based on revisions to PRA and MSPI Basis Document, effective 2Q08.

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)	-4.30E-07	-4.30E-07	-3.90E-07	-4.00E-07	-4.10E-07	-2.90E-07	-2.10E-07	-6.20E-08
URI (ΔCDF)	9.10E-07	1.30E-06	6.10E-08	-9.90E-07	-9.90E-07	-9.90E-07	-9.90E-07	-4.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.80E-07**	**8.70E-07**	**-3.29E-07**	**-1.39E-06**	**-1.40E-06**	**-1.28E-06**	**-1.20E-06**	**-4.82E-07**

Licensee Comments:

2Q/08: Changed PRA Parameter(s). Changed MSPI coefficients based on revisions to PRA and MSPI Basis Document, effective 2Q08.

3Q/06: Risk Cap Invoked.

2Q/06: Risk Cap Invoked.

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	0.000232	0.000157	0.000176	0.000178	0.000181	0.000309	0.000279	0.000275	0.000453	N/A	0.000096	0.000126
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**	**N/A**	**0**	**0**

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	0.000122	0.000142	0.000137	0.000169	0.000138	0.000127	0.000133	0.000136	0.000136	0.000258	0.000148	0.000150
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	49.0	88.0	24.0	20.0	50.0	47.0	32.0	35.0
Total opportunities	50.0	91.0	24.0	20.0	52.0	48.0	34.0	36.0
Indicator value	**95.8%**	**96.7%**	**97.0%**	**97.4%**	**97.1%**	**97.5%**	**96.9%**	**97.2%**

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	110.0	112.0	106.0	113.0	113.0	115.0	109.0	109.0
Total Key personnel	117.0	112.0	110.0	116.0	118.0	115.0	111.0	116.0
Indicator value	**94.0%**	**100.0%**	**96.4%**	**97.4%**	**95.8%**	**100.0%**	**98.2%**	**94.0%**

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	485	496	497	497	496	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**98.9%**	**99.0%**	**99.3%**	**99.3%**	**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/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.

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3Q/2008 Performance Indicators

Licensee's General Comments: none

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	2.0	0	1.0	0	0	0
Critical hours	2209.0	2059.0	1697.1	2208.0	2130.9	2177.0	2184.0	2208.0
Indicator value	**0.8**	**0**	**1.7**	**1.7**	**2.6**	**2.6**	**0.8**	**0.8**

Licensee Comments: none

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	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2059.0	1697.1	2208.0	2130.9	2177.0	2184.0	2208.0
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**

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	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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-8.40E-07	-8.40E-07	-8.40E-07	-8.40E-07	-6.00E-07	-6.00E-07	-3.70E-07	-4.00E-07
URI (ΔCDF)	-8.60E-06	-6.40E-06	-6.30E-06	-6.00E-06	1.30E-05	-2.00E-06	-1.50E-06	-1.90E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.44E-06**	**-7.24E-06**	**-7.14E-06**	**-6.84E-06**	**1.24E-05**	**-2.60E-06**	**-1.87E-06**	**-2.30E-06**

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)	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-6.40E-10	-6.40E-10
URI (ΔCDF)	-5.30E-09	-5.40E-09	-5.40E-09	-5.40E-09	-5.40E-09	-5.30E-09	-1.20E-07	-1.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.21E-07**	**-1.21E-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/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-4.70E-08	-4.70E-08
URI (ΔCDF)	4.40E-07	-4.30E-07	-4.70E-07	-4.50E-07	-4.40E-07	-3.20E-07	-2.40E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.57E-07**	**-5.13E-07**	**-5.53E-07**	**-5.33E-07**	**-5.23E-07**	**-4.03E-07**	**-2.87E-07**	**-2.77E-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)	-3.40E-08	-3.50E-08	-3.70E-08	-3.70E-08	-3.70E-08	-3.70E-08	-1.60E-08	-1.60E-08
URI (ΔCDF)	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.00E-07	-4.90E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.34E-07**	**-1.45E-07**	**-1.47E-07**	**-1.47E-07**	**-1.47E-07**	**-1.37E-07**	**-6.50E-08**	**-6.30E-08**

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)	-4.30E-07	-3.90E-07	-4.00E-07	-4.10E-07	-2.90E-07	-2.10E-07	-6.20E-08	-6.20E-08
URI (ΔCDF)	1.30E-06	6.10E-08	-9.90E-07	-9.90E-07	-9.90E-07	-9.90E-07	-4.20E-07	-4.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.70E-07**	**-3.29E-07**	**-1.39E-06**	**-1.40E-06**	**-1.28E-06**	**-1.20E-06**	**-4.82E-07**	**-4.82E-07**

Licensee Comments:

3Q/06: Risk Cap Invoked.

2Q/06: Risk Cap Invoked.

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	0.000178	0.000181	0.000309	0.000279	0.000275	0.000453	N/A	0.000096	0.000126	0.000122	0.000142	0.000137
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**	**N/A**	**0**	**0**	**0**	**0**	**0**

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	0.000169	0.000138	0.000127	0.000133	0.000136	0.000136	0.000258	0.000148	0.000150	0.000208	0.000159	0.000180
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	88.0	24.0	20.0	50.0	56.0	32.0	35.0	67.0
Total opportunities	91.0	24.0	20.0	52.0	58.0	34.0	36.0	70.0
Indicator value	**96.7%**	**97.0%**	**97.4%**	**97.1%**	**97.3%**	**96.7%**	**97.0%**	**96.6%**

Licensee Comments: none

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	112.0	106.0	113.0	113.0	115.0	109.0	109.0	120.0
Total Key personnel	112.0	110.0	116.0	118.0	115.0	111.0	116.0	121.0
Indicator value	**100.0%**	**96.4%**	**97.4%**	**95.8%**	**100.0%**	**98.2%**	**94.0%**	**99.2%**

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	496	497	497	496	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.0%**	**99.3%**	**99.3%**	**99.9%**	**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	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.

Last Modified: November 26, 2008

Salem 1

4Q/2008 Performance Indicators

Licensee's General Comments: none

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	2.0	0	1.0	0	0	0	0
Critical hours	2059.0	1697.1	2208.0	2130.9	2177.0	2184.0	2208.0	1508.1
Indicator value	**0**	**1.7**	**1.7**	**2.6**	**2.6**	**0.8**	**0.8**	**0**

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	0	0	1.0	0	0	0
Critical hours	2059.0	1697.1	2208.0	2130.9	2177.0	2184.0	2208.0	1508.1
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.9**

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	**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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	-8.40E-07	-8.40E-07	-8.40E-07	-6.00E-07	-6.00E-07	-3.70E-07	-4.00E-07	-4.00E-07
URI (ΔCDF)	-6.40E-06	-6.30E-06	-6.00E-06	1.30E-05	-2.00E-06	-1.50E-06	-1.90E-06	-2.10E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.24E-06**	**-7.14E-06**	**-6.84E-06**	**1.24E-05**	**-2.60E-06**	**-1.87E-06**	**-2.30E-06**	**-2.50E-06**

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)	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-6.40E-10	-6.40E-10	-6.50E-10
URI (ΔCDF)	-5.40E-09	-5.40E-09	-5.40E-09	-5.40E-09	-5.30E-09	-1.20E-07	-1.20E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.21E-07**	**-1.21E-07**	**-1.11E-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/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-4.70E-08	-4.70E-08	-4.70E-08
URI (ΔCDF)	-4.30E-07	-4.70E-07	-4.50E-07	-4.40E-07	-3.20E-07	-2.40E-07	-2.30E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.13E-07**	**-5.53E-07**	**-5.33E-07**	**-5.23E-07**	**-4.03E-07**	**-2.87E-07**	**-2.77E-07**	**-2.77E-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)	-3.50E-08	-3.70E-08	-3.70E-08	-3.70E-08	-3.70E-08	-1.60E-08	-1.60E-08	-1.60E-08
URI (ΔCDF)	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.00E-07	-4.90E-08	-4.70E-08	-5.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.45E-07**	**-1.47E-07**	**-1.47E-07**	**-1.47E-07**	**-1.37E-07**	**-6.50E-08**	**-6.30E-08**	**-7.20E-08**

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)	-3.90E-07	-4.00E-07	-4.10E-07	-2.90E-07	-2.10E-07	-6.20E-08	-6.20E-08	-6.20E-08
URI (ΔCDF)	-2.80E-08	-1.10E-06	-1.10E-06	-1.10E-06	-1.10E-06	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.18E-07**	**-1.50E-06**	**-1.51E-06**	**-1.39E-06**	**-1.31E-06**	**-5.62E-07**	**-5.62E-07**	**-5.62E-07**

Licensee Comments:

2Q/08: Changed MSPI coefficients based on revisions to PRA and MSPI Basis Document, effective 2Q08.

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	0.000279	0.000275	0.000453	N/A	0.000096	0.000126	0.000122	0.000142	0.000137	0.000169	0.000138	0.000127
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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000133	0.000136	0.000136	0.000258	0.000148	0.000150	0.000208	0.000159	0.000180	0.000283	0.000118	0.000126
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.4**

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	24.0	20.0	50.0	56.0	32.0	35.0	67.0	72.0
Total opportunities	24.0	20.0	52.0	58.0	34.0	36.0	70.0	74.0
Indicator value	**97.0%**	**97.4%**	**97.1%**	**97.3%**	**96.7%**	**97.0%**	**96.6%**	**96.7%**

Licensee Comments: none

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	113.0	113.0	115.0	109.0	109.0	120.0	123.0
Total Key personnel	110.0	116.0	118.0	115.0	111.0	116.0	121.0	123.0
Indicator value	**96.4%**	**97.4%**	**95.8%**	**100.0%**	**98.2%**	**94.0%**	**99.2%**	**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	497	497	496	497	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.3%**	**99.3%**	**99.9%**	**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	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.

Last Modified: February 4, 2009

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1Q/2009 Performance Indicators

Licensee's General Comments: none

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	2.0	0	1.0	0	0	0	0	0
Critical hours	1697.1	2208.0	2130.9	2177.0	2184.0	2208.0	1508.1	2159.0
Indicator value	**1.7**	**1.7**	**2.6**	**2.6**	**0.8**	**0.8**	**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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	0	1.0	0	0	0	1.0
Critical hours	1697.1	2208.0	2130.9	2177.0	2184.0	2208.0	1508.1	2159.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.9**	**0.9**

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	**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/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-8.40E-07	-8.40E-07	-6.00E-07	-6.00E-07	-3.70E-07	-4.00E-07	-4.00E-07	-4.00E-07
URI (ΔCDF)	-6.30E-06	-6.00E-06	1.30E-05	-2.00E-06	-1.50E-06	-1.90E-06	-2.10E-06	-1.90E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.14E-06**	**-6.84E-06**	**1.24E-05**	**-2.60E-06**	**-1.87E-06**	**-2.30E-06**	**-2.50E-06**	**-2.30E-06**

Licensee Comments:

1Q/09: 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/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-9.50E-08	-9.50E-08	-9.50E-08	-9.50E-08	-6.40E-10	-6.40E-10	-6.50E-10	-7.10E-10
URI (ΔCDF)	-5.40E-09	-5.40E-09	-5.40E-09	-5.30E-09	-1.20E-07	-1.20E-07	-1.10E-07	-2.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.21E-07**	**-1.21E-07**	**-1.11E-07**	**-2.37E-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)	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08
URI (ΔCDF)	-4.70E-07	-4.50E-07	-4.40E-07	-3.20E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.53E-07**	**-5.33E-07**	**-5.23E-07**	**-4.03E-07**	**-2.87E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-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)	-3.70E-08	-3.70E-08	-3.70E-08	-3.70E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08
URI (ΔCDF)	-1.10E-07	-1.10E-07	-1.10E-07	-1.00E-07	-4.90E-08	-4.70E-08	-5.60E-08	-5.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.47E-07**	**-1.47E-07**	**-1.47E-07**	**-1.37E-07**	**-6.50E-08**	**-6.30E-08**	**-7.20E-08**	**-6.90E-08**

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)	-4.00E-07	-4.10E-07	-2.90E-07	-2.10E-07	-6.20E-08	-6.20E-08	-6.20E-08	-8.20E-08
URI (ΔCDF)	-1.10E-06	-1.10E-06	-1.10E-06	-1.10E-06	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-06**	**-1.51E-06**	**-1.39E-06**	**-1.31E-06**	**-5.62E-07**	**-5.62E-07**	**-5.62E-07**	**-5.82E-07**

Licensee Comments:

2Q/08: Changed MSPI coefficients based on revisions to PRA and MSPI Basis Document, effective 2Q08.

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	N/A	0.000096	0.000126	0.000122	0.000142	0.000137	0.000169	0.000138	0.000127	0.000133	0.000136	0.000136
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	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum activity	0.000258	0.000148	0.000150	0.000208	0.000159	0.000180	0.000283	0.000118	0.000126	0.000114	0.000098	0.000188
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0	0	0.040	0.050	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.4**	**0.5**	**0**	**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	20.0	50.0	56.0	32.0	35.0	65.0	72.0	35.0
Total opportunities	20.0	52.0	58.0	34.0	36.0	70.0	74.0	36.0
Indicator value	**97.4%**	**97.1%**	**97.3%**	**96.7%**	**97.0%**	**96.1%**	**96.2%**	**96.1%**

Licensee Comments: none

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	113.0	113.0	115.0	109.0	109.0	120.0	123.0	124.0
Total Key personnel	116.0	118.0	115.0	111.0	116.0	121.0	123.0	124.0
Indicator value	**97.4%**	**95.8%**	**100.0%**	**98.2%**	**94.0%**	**99.2%**	**100.0%**	**100.0%**

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	497	496	497	497	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.3%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

Last Modified: May 1, 2009

Salem 1

2Q/2009 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0	0	0	0
Critical hours	2208.0	2130.9	2177.0	2184.0	2208.0	1508.1	2159.0	2184.0
Indicator value	**1.7**	**2.6**	**2.6**	**0.8**	**0.8**	**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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	0	1.0	0	0	0	1.0	0
Critical hours	2208.0	2130.9	2177.0	2184.0	2208.0	1508.1	2159.0	2184.0
Indicator value	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**

Licensee Comments: none

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	**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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-8.40E-07	-6.00E-07	-6.00E-07	-3.70E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07
URI (ΔCDF)	-6.00E-06	1.30E-05	-2.00E-06	-1.50E-06	-1.90E-06	-2.10E-06	-1.90E-06	-1.70E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.84E-06**	**1.24E-05**	**-2.60E-06**	**-1.87E-06**	**-2.30E-06**	**-2.50E-06**	**-2.30E-06**	**-2.10E-06**

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)	-9.50E-08	-9.50E-08	-9.50E-08	-6.40E-10	-6.40E-10	-6.50E-10	-7.10E-10	-6.50E-10
URI (ΔCDF)	-5.40E-09	-5.40E-09	-5.30E-09	-1.20E-07	-1.20E-07	-1.10E-07	-2.30E-08	-2.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-1.00E-07**	**-1.00E-07**	**-1.21E-07**	**-1.21E-07**	**-1.11E-07**	**-2.37E-08**	**-2.37E-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)	-8.30E-08	-8.30E-08	-8.30E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08
URI (ΔCDF)	-4.50E-07	-4.40E-07	-3.20E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.33E-07**	**-5.23E-07**	**-4.03E-07**	**-2.87E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-3.70E-08	-3.70E-08	-3.70E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08
URI (ΔCDF)	-1.10E-07	-1.10E-07	-1.00E-07	-4.90E-08	-4.70E-08	-5.60E-08	-5.30E-08	-5.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.47E-07**	**-1.47E-07**	**-1.37E-07**	**-6.50E-08**	**-6.30E-08**	**-7.20E-08**	**-6.90E-08**	**-7.00E-08**

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)	-4.10E-07	-2.90E-07	-2.10E-07	-6.20E-08	-6.20E-08	-6.20E-08	-8.20E-08	-6.50E-08
URI (ΔCDF)	-1.10E-06	-1.10E-06	-1.10E-06	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.51E-06**	**-1.39E-06**	**-1.31E-06**	**-5.62E-07**	**-5.62E-07**	**-5.62E-07**	**-5.82E-07**	**-1.16E-07**

Licensee Comments:

2Q/09: MSPI Basis Document was updated in the 1st Quarter for CWS margin improvement (procedures were revised to provide guidance to recover from valve failures). URI numbers and margins had a significant change as a result.

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	0.000122	0.000142	0.000137	0.000169	0.000138	0.000127	0.000133	0.000136	0.000136	0.000258	0.000148	0.000150
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**
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	0.000208	0.000159	0.000180	0.000283	0.000118	0.000126	0.000114	0.000098	0.000188	0.000105	0.000110	0.000115
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0.040	0.050	0	0	0	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**	**0**	**0**	**0**	**0**	**0.4**	**0.5**	**0**	**0**	**0**	**0**	**0**

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	50.0	56.0	32.0	35.0	65.0	72.0	35.0	49.0
Total opportunities	52.0	58.0	34.0	36.0	70.0	74.0	36.0	51.0
Indicator value	**97.1%**	**97.3%**	**96.7%**	**97.0%**	**96.1%**	**96.2%**	**96.1%**	**95.9%**

Licensee Comments: none

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	113.0	115.0	109.0	109.0	120.0	123.0	124.0	122.0
Total Key personnel	118.0	115.0	111.0	116.0	121.0	123.0	124.0	122.0
Indicator value	**95.8%**	**100.0%**	**98.2%**	**94.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**

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	496	497	497	497	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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.

Last Modified: July 22, 2009

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3Q/2009 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0	0	0	0	0
Critical hours	2130.9	2177.0	2184.0	2208.0	1508.1	2159.0	2184.0	2208.0
Indicator value	**2.6**	**2.6**	**0.8**	**0.8**	**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/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	0
Critical hours	2130.9	2177.0	2184.0	2208.0	1508.1	2159.0	2184.0	2208.0
Indicator value	**0**	**0.9**	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**

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)	-6.00E-07	-6.00E-07	-3.70E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07
URI (ΔCDF)	1.30E-05	-2.00E-06	-1.50E-06	-1.90E-06	-2.10E-06	-1.90E-06	-1.70E-06	-1.70E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.24E-05**	**-2.60E-06**	**-1.87E-06**	**-2.30E-06**	**-2.50E-06**	**-2.30E-06**	**-2.10E-06**	**-2.10E-06**

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)	-9.50E-08	-9.50E-08	-6.40E-10	-6.40E-10	-6.50E-10	-7.10E-10	-6.50E-10	-6.50E-10
URI (ΔCDF)	-5.40E-09	-5.30E-09	-1.20E-07	-1.20E-07	-1.10E-07	-2.30E-08	-2.30E-08	-2.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-1.00E-07**	**-1.21E-07**	**-1.21E-07**	**-1.11E-07**	**-2.37E-08**	**-2.37E-08**	**-2.37E-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)	-8.30E-08	-8.30E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08
URI (ΔCDF)	-4.40E-07	-3.20E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.23E-07**	**-4.03E-07**	**-2.87E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-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/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	-3.70E-08	-3.70E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08
URI (ΔCDF)	-1.10E-07	-1.00E-07	-4.90E-08	-4.70E-08	-5.60E-08	-5.30E-08	-5.40E-08	-5.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.47E-07**	**-1.37E-07**	**-6.50E-08**	**-6.30E-08**	**-7.20E-08**	**-6.90E-08**	**-7.00E-08**	**-7.00E-08**

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)	-2.90E-07	-2.10E-07	-6.20E-08	-6.20E-08	-6.20E-08	-8.20E-08	-6.50E-08	-6.50E-08
URI (ΔCDF)	-1.10E-06	-1.10E-06	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.10E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.39E-06**	**-1.31E-06**	**-5.62E-07**	**-5.62E-07**	**-5.62E-07**	**-5.82E-07**	**-1.16E-07**	**-1.16E-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	0.000169	0.000138	0.000127	0.000133	0.000136	0.000136	0.000258	0.000148	0.000150	0.000208	0.000159	0.000180
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**

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	0.000283	0.000118	0.000126	0.000114	0.000098	0.000188	0.000105	0.000110	0.000115	0.000202	0.000241	0.000255
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**

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	0	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0.040	0.050	0	0	0	0	0	0	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**	**0**	**0.4**	**0.5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	56.0	32.0	35.0	65.0	72.0	35.0	49.0	70.0
Total opportunities	58.0	34.0	36.0	70.0	74.0	36.0	51.0	72.0
Indicator value	**97.3%**	**96.7%**	**97.0%**	**96.1%**	**96.2%**	**96.1%**	**95.9%**	**96.1%**

Licensee Comments: none

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	115.0	109.0	109.0	120.0	123.0	124.0	122.0	127.0
Total Key personnel	115.0	111.0	116.0	121.0	123.0	124.0	122.0	128.0
Indicator value	**100.0%**	**98.2%**	**94.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**

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	497	497	497	497	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

Last Modified: November 30, 2009

Salem 1

4Q/2009 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	0	0
Critical hours	2177.0	2184.0	2208.0	1508.1	2159.0	2184.0	2208.0	2209.0
Indicator value	**2.6**	**0.8**	**0.8**	**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/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	0	0
Critical hours	2177.0	2184.0	2208.0	1508.1	2159.0	2184.0	2208.0	2209.0
Indicator value	**0.9**	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**0.8**

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)	-6.00E-07	-3.70E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07
URI (ΔCDF)	-2.00E-06	-1.50E-06	-1.90E-06	-2.10E-06	-1.90E-06	-1.70E-06	-1.70E-06	-1.60E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-06**	**-1.87E-06**	**-2.30E-06**	**-2.50E-06**	**-2.30E-06**	**-2.10E-06**	**-2.10E-06**	**-2.00E-06**

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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-9.50E-08	-6.40E-10	-6.40E-10	-6.50E-10	-7.10E-10	-6.50E-10	-6.50E-10	-7.00E-10
URI (ΔCDF)	-5.30E-09	-1.20E-07	-1.20E-07	-1.10E-07	-2.30E-08	-2.30E-08	-2.30E-08	-2.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-1.21E-07**	**-1.21E-07**	**-1.11E-07**	**-2.37E-08**	**-2.37E-08**	**-2.37E-08**	**-2.57E-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/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	-8.30E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08
URI (ΔCDF)	-3.20E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.03E-07**	**-2.87E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-3.70E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08
URI (ΔCDF)	-1.00E-07	-4.90E-08	-4.70E-08	-5.60E-08	-5.30E-08	-5.40E-08	-5.40E-08	-5.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.37E-07**	**-6.50E-08**	**-6.30E-08**	**-7.20E-08**	**-6.90E-08**	**-7.00E-08**	**-7.00E-08**	**-7.00E-08**

Licensee Comments:

4Q/09: Changed PRA Parameter(s). Reviewed PRA input data and verified no changes for 4th quarter. Believe an error was made when updating new PRA values for 1st quarter 2010.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-2.10E-07	-6.20E-08	-6.20E-08	-6.20E-08	-8.20E-08	-6.50E-08	-6.50E-08	-6.50E-08
URI (ΔCDF)	-1.10E-06	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.10E-08	-5.10E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.31E-06**	**-5.62E-07**	**-5.62E-07**	**-5.62E-07**	**-5.82E-07**	**-1.16E-07**	**-1.16E-07**	**-1.16E-07**

Licensee Comments: none

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	0.000133	0.000136	0.000136	0.000258	0.000148	0.000150	0.000208	0.000159	0.000180	0.000283	0.000118	0.000126
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**
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	0.000114	0.000098	0.000188	0.000105	0.000110	0.000115	0.000202	0.000241	0.000255	0.000213	0.000208	0.000233
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**

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	0	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.4**
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	0.050	0	0	0	0	0	0	0	0	0	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	**0.5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	32.0	35.0	65.0	72.0	35.0	49.0	70.0	96.0
Total opportunities	34.0	36.0	70.0	74.0	36.0	51.0	72.0	98.0
Indicator value	**96.7%**	**97.0%**	**96.1%**	**96.2%**	**96.1%**	**95.9%**	**96.1%**	**96.4%**

Licensee Comments: none

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	109.0	109.0	120.0	123.0	124.0	122.0	127.0	130.0
Total Key personnel	111.0	116.0	121.0	123.0	124.0	122.0	128.0	130.0
Indicator value	**98.2%**	**94.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**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	497	497	497	497	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

Last Modified: January 22, 2010

Salem 1

1Q/2010 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1508.1	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	**0.8**	**0.8**	**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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	0	1.0	0	0	0	1.0
Critical hours	2184.0	2208.0	1508.1	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**

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	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/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	-3.70E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-1.16E-07
URI (ΔCDF)	-1.50E-06	-1.90E-06	-2.10E-06	-1.90E-06	-1.70E-06	-1.70E-06	-1.60E-06	-9.57E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.87E-06**	**-2.30E-06**	**-2.50E-06**	**-2.30E-06**	**-2.10E-06**	**-2.10E-06**	**-2.00E-06**	**-1.10E-06**

Licensee Comments:

1Q/10: Risk Cap Invoked. PRA and Basis Document were revised in Q4 '09 and values were updated in CDE. These revised values are reflected in all Q1 '10 MSPI indicator results.

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)	-6.40E-10	-6.40E-10	-6.50E-10	-7.10E-10	-6.50E-10	-6.50E-10	-7.00E-10	-8.70E-10
URI (ΔCDF)	-1.20E-07	-1.20E-07	-1.10E-07	-2.30E-08	-2.30E-08	-2.30E-08	-2.50E-08	-2.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.21E-07**	**-1.21E-07**	**-1.11E-07**	**-2.37E-08**	**-2.37E-08**	**-2.37E-08**	**-2.57E-08**	**-2.60E-08**

Licensee Comments:

1Q/10: PRA and Basis Document were revised in Q4 '09 and values were updated in CDE. These revised values are reflected in all Q1 '10 MSPI indicator results.

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)	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-6.21E-08
URI (ΔCDF)	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.78E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.87E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-3.40E-07**

Licensee Comments:

1Q/10: PRA and Basis Document were revised in Q4 '09 and values were updated in CDE. These revised values are reflected in all Q1 '10 MSPI indicator results.

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)	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.62E-08
URI (ΔCDF)	-4.90E-08	-4.70E-08	-5.60E-08	-5.30E-08	-5.40E-08	-5.40E-08	-5.40E-08	-5.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.30E-08**	**-7.20E-08**	**-6.90E-08**	**-7.00E-08**	**-7.00E-08**	**-7.00E-08**	**-6.80E-08**

Licensee Comments:

1Q/10: PRA and Basis Document were revised in Q4 '09 and values were updated in CDE. These revised values are reflected in all Q1 '10 MSPI indicator results.

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)	-6.20E-08	-6.20E-08	-6.20E-08	-8.20E-08	-6.50E-08	-6.50E-08	-6.50E-08	-6.45E-08
URI (ΔCDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.10E-08	-5.10E-08	-5.10E-08	-4.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.62E-07**	**-5.62E-07**	**-5.62E-07**	**-5.82E-07**	**-1.16E-07**	**-1.16E-07**	**-1.16E-07**	**-1.10E-07**

Licensee Comments:

1Q/10: PRA and Basis Document were revised in Q4 '09 and values were updated in CDE. These revised values are reflected in all Q1 '10 MSPI indicator results.

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	0.000258	0.000148	0.000150	0.000208	0.000159	0.000180	0.000283	0.000118	0.000126	0.000114	0.000098	0.000188
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**
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	0.000105	0.000110	0.000115	0.000202	0.000241	0.000255	0.000213	0.000208	0.000233	0.000144	0.000246	0.000271
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**

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	0	0	0	0	0	0	0	0.040	0.050	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.4**	**0.5**	**0**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	35.0	65.0	72.0	35.0	49.0	70.0	96.0	68.0
Total opportunities	36.0	70.0	74.0	36.0	51.0	72.0	98.0	70.0
Indicator value	**97.0%**	**96.1%**	**96.2%**	**96.1%**	**95.9%**	**96.1%**	**96.4%**	**96.6%**

Licensee Comments: none

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	109.0	120.0	123.0	124.0	122.0	127.0	130.0	130.0
Total Key personnel	116.0	121.0	123.0	124.0	122.0	128.0	130.0	130.0
Indicator value	**94.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**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	497	497	497	497	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

Last Modified: April 26, 2010

Salem 1

2Q/2010 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0
Critical hours	2208.0	1508.1	2159.0	2184.0	2208.0	2209.0	2159.0	1603.3
Indicator value	**0.8**	**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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	1.0	0	0	0	1.0	2.0
Critical hours	2208.0	1508.1	2159.0	2184.0	2208.0	2209.0	2159.0	1603.3
Indicator value	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**2.6**

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	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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-1.16E-07	-1.16E-07
URI (ΔCDF)	-1.90E-06	-2.10E-06	-1.90E-06	-1.70E-06	-1.70E-06	-1.60E-06	-9.57E-07	-9.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-06**	**-2.50E-06**	**-2.30E-06**	**-2.10E-06**	**-2.10E-06**	**-2.00E-06**	**-1.10E-06**	**-1.10E-06**

Licensee Comments:

2Q/10: Risk Cap Invoked.

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)	-6.40E-10	-6.50E-10	-7.10E-10	-6.50E-10	-6.50E-10	-7.00E-10	-8.70E-10	-8.70E-10
URI (ΔCDF)	-1.20E-07	-1.10E-07	-2.30E-08	-2.30E-08	-2.30E-08	-2.50E-08	-2.54E-08	-2.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.21E-07**	**-1.11E-07**	**-2.37E-08**	**-2.37E-08**	**-2.37E-08**	**-2.57E-08**	**-2.60E-08**	**-2.60E-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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-6.21E-08	-6.21E-08
URI (ΔCDF)	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.78E-07	-2.49E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-3.40E-07**	**-3.10E-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/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.62E-08	-1.62E-08
URI (ΔCDF)	-4.70E-08	-5.60E-08	-5.30E-08	-5.40E-08	-5.40E-08	-5.40E-08	-5.15E-08	-5.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-08**	**-7.20E-08**	**-6.90E-08**	**-7.00E-08**	**-7.00E-08**	**-7.00E-08**	**-6.80E-08**	**-7.10E-08**

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)	-6.20E-08	-6.20E-08	-8.20E-08	-6.50E-08	-6.50E-08	-6.50E-08	-6.45E-08	-6.44E-08
URI (ΔCDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.10E-08	-5.10E-08	-5.10E-08	-4.98E-08	-4.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.62E-07**	**-5.62E-07**	**-5.82E-07**	**-1.16E-07**	**-1.16E-07**	**-1.16E-07**	**-1.10E-07**	**-1.10E-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	0.000208	0.000159	0.000180	0.000283	0.000118	0.000126	0.000114	0.000098	0.000188	0.000105	0.000110	0.000115
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**
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	0.000202	0.000241	0.000255	0.000213	0.000208	0.000233	0.000144	0.000246	0.000271	0.000137	0.000099	0.000190
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**

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	0	0	0	0	0.040	0.050	0	0	0	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**	**0**	**0**	**0**	**0**	**0.4**	**0.5**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	65.0	72.0	35.0	49.0	70.0	96.0	68.0	55.0
Total opportunities	70.0	74.0	36.0	51.0	72.0	98.0	70.0	56.0
Indicator value	**96.1%**	**96.2%**	**96.1%**	**95.9%**	**96.1%**	**96.4%**	**96.6%**	**96.8%**

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	120.0	123.0	124.0	122.0	127.0	130.0	130.0	128.0
Total Key personnel	121.0	123.0	124.0	122.0	128.0	130.0	130.0	128.0
Indicator value	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**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	497	497	497	497	497	497	497	495
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.9%**

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	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/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.

Last Modified: July 26, 2010

Salem 1

3Q/2010 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	1.0
Critical hours	1508.1	2159.0	2184.0	2208.0	2209.0	2159.0	1603.3	1812.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	1.0	0	0	0	1.0	2.0	0
Critical hours	1508.1	2159.0	2184.0	2208.0	2209.0	2159.0	1603.3	1812.2
Indicator value	**0.9**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**2.6**	**2.7**

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	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/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-1.16E-07	-1.16E-07	-1.15E-07
URI (ΔCDF)	-2.10E-06	-1.90E-06	-1.70E-06	-1.70E-06	-1.60E-06	-9.57E-07	-9.90E-07	-9.94E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.50E-06**	**-2.30E-06**	**-2.10E-06**	**-2.10E-06**	**-2.00E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**

Licensee Comments:

3Q/10: Risk Cap Invoked.

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)	-6.50E-10	-7.10E-10	-6.50E-10	-6.50E-10	-7.00E-10	-8.70E-10	-8.70E-10	-8.70E-10
URI (ΔCDF)	-1.10E-07	-2.30E-08	-2.30E-08	-2.30E-08	-2.50E-08	-2.54E-08	-2.54E-08	-2.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.11E-07**	**-2.37E-08**	**-2.37E-08**	**-2.37E-08**	**-2.57E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-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)	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-6.21E-08	-6.21E-08	-6.21E-08
URI (ΔCDF)	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.78E-07	-2.49E-07	1.08E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-3.40E-07**	**-3.10E-07**	**1.00E-06**

Licensee Comments:

3Q/10: Risk Cap Invoked. Salem Unit 1 experienced 2 valid MSPI failures this quarter associated with the Steam Driven Auxiliary Feed Water Pump which resulted in a reduction in Margin to White.

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)	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.62E-08	-1.62E-08	-1.62E-08
URI (ΔCDF)	-5.60E-08	-5.30E-08	-5.40E-08	-5.40E-08	-5.40E-08	-5.15E-08	-5.50E-08	-5.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.20E-08**	**-6.90E-08**	**-7.00E-08**	**-7.00E-08**	**-7.00E-08**	**-6.80E-08**	**-7.10E-08**	**-7.40E-08**

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)	-6.20E-08	-8.20E-08	-6.50E-08	-6.50E-08	-6.50E-08	-6.45E-08	-6.44E-08	-6.44E-08
URI (ΔCDF)	-5.00E-07	-5.00E-07	-5.10E-08	-5.10E-08	-5.10E-08	-4.98E-08	-4.98E-08	-4.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.62E-07**	**-5.82E-07**	**-1.16E-07**	**-1.16E-07**	**-1.16E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**

Licensee Comments: none

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	0.000283	0.000118	0.000126	0.000114	0.000098	0.000188	0.000105	0.000110	0.000115	0.000202	0.000241	0.000255
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**
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	0.000213	0.000208	0.000233	0.000144	0.000246	0.000271	0.000137	0.000099	0.000190	0.000351	0.000185	0.000111
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**

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	0	0.040	0.050	0	0	0	0	0	0	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**	**0**	**0.4**	**0.5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	72.0	35.0	49.0	70.0	96.0	68.0	55.0	53.0
Total opportunities	74.0	36.0	51.0	72.0	98.0	70.0	56.0	53.0
Indicator value	**96.2%**	**96.1%**	**95.9%**	**96.1%**	**96.4%**	**96.6%**	**96.8%**	**97.6%**

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	123.0	124.0	122.0	127.0	130.0	130.0	128.0	130.0
Total Key personnel	123.0	124.0	122.0	128.0	130.0	130.0	128.0	132.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**

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	497	497	497	497	497	497	495	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.9%**	**99.8%**

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	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	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.

Last Modified: October 25, 2010

Salem 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	1.0	1.0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	1603.3	1812.2	2183.8
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**1.8**

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	0	0	1.0	2.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	1603.3	1812.2	2183.8
Indicator value	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**2.6**	**2.7**	**2.7**

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	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/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-1.16E-07	-1.16E-07	-1.15E-07	-1.41E-07
URI (ΔCDF)	-1.90E-06	-1.70E-06	-1.70E-06	-1.60E-06	-9.57E-07	-9.90E-07	-9.94E-07	-9.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-06**	**-2.10E-06**	**-2.10E-06**	**-2.00E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**

Licensee Comments:

4Q/10: Risk Cap Invoked. MSPI value changed in December due to the rolling off of a start failure from 12/2007. It also changed in October due to a start failure on 1C D/G.

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)	-7.10E-10	-6.50E-10	-6.50E-10	-7.00E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10
URI (ΔCDF)	-2.30E-08	-2.30E-08	-2.30E-08	-2.50E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.37E-08**	**-2.37E-08**	**-2.37E-08**	**-2.57E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-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/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08
URI (ΔCDF)	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.78E-07	-2.49E-07	1.08E-06	1.03E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-3.40E-07**	**-3.10E-07**	**1.00E-06**	**9.70E-07**

Licensee Comments:

4Q/10: Risk Cap Invoked.

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 (ΔCDF)	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.62E-08	-1.62E-08	-1.62E-08	-1.62E-08
URI (ΔCDF)	-5.30E-08	-5.40E-08	-5.40E-08	-5.40E-08	-5.15E-08	-5.50E-08	-5.80E-08	-5.73E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.90E-08**	**-7.00E-08**	**-7.00E-08**	**-7.00E-08**	**-6.80E-08**	**-7.10E-08**	**-7.40E-08**	**-7.40E-08**

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)	-8.20E-08	-6.50E-08	-6.50E-08	-6.50E-08	-6.45E-08	-6.44E-08	-6.44E-08	-6.45E-08
URI (ΔCDF)	-5.00E-07	-5.10E-08	-5.10E-08	-5.10E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.82E-07**	**-1.16E-07**	**-1.16E-07**	**-1.16E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-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	0.000114	0.000098	0.000188	0.000105	0.000110	0.000115	0.000202	0.000241	0.000255	0.000213	0.000208	0.000233
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**
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	0.000144	0.000246	0.000271	0.000137	0.000099	0.000190	0.000351	0.000185	0.000111	0.000207	0.000238	0.000209
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**

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	0.050	0	0	0	0	0	0	0	0	0	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	**0.5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	35.0	49.0	70.0	96.0	68.0	55.0	53.0	39.0
Total opportunities	36.0	51.0	72.0	98.0	70.0	56.0	53.0	40.0
Indicator value	**96.1%**	**95.9%**	**96.1%**	**96.4%**	**96.6%**	**96.8%**	**97.6%**	**97.7%**

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	124.0	122.0	127.0	130.0	130.0	128.0	130.0	132.0
Total Key personnel	124.0	122.0	128.0	130.0	130.0	128.0	132.0	134.0
Indicator value	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**98.5%**

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	497	497	497	497	497	495	496	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**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	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	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	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.

Last Modified: January 24, 2011

Salem 1

1Q/2011 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	1.0	1.0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	1603.3	1812.2	2183.8	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**1.8**	**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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	1.0	2.0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	1603.3	1812.2	2183.8	2159.0
Indicator value	**0.9**	**0.9**	**0.8**	**0.8**	**2.6**	**2.7**	**2.7**	**1.8**

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	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/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	-4.00E-07	-4.00E-07	-4.00E-07	-1.16E-07	-1.16E-07	-1.15E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-1.70E-06	-1.70E-06	-1.60E-06	-9.57E-07	-9.90E-07	-9.94E-07	-9.21E-07	-9.47E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-06**	**-2.10E-06**	**-2.00E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**

Licensee Comments:

1Q/11: Risk Cap Invoked.

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)	-6.50E-10	-6.50E-10	-7.00E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10
URI (ΔCDF)	-2.30E-08	-2.30E-08	-2.50E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.37E-08**	**-2.37E-08**	**-2.57E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	-4.70E-08	-4.70E-08	-4.70E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08
URI (ΔCDF)	-2.30E-07	-2.30E-07	-2.30E-07	-2.78E-07	-2.49E-07	1.08E-06	1.03E-06	1.02E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.77E-07**	**-2.77E-07**	**-2.77E-07**	**-3.40E-07**	**-3.10E-07**	**1.00E-06**	**9.70E-07**	**9.60E-07**

Licensee Comments:

1Q/11: Risk Cap Invoked.

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 (ΔCDF)	-1.60E-08	-1.60E-08	-1.60E-08	-1.62E-08	-1.62E-08	-1.62E-08	-1.62E-08	-1.18E-08
URI (ΔCDF)	-5.40E-08	-5.40E-08	-5.40E-08	-5.15E-08	-5.50E-08	-5.80E-08	-5.73E-08	-5.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.00E-08**	**-7.00E-08**	**-7.00E-08**	**-6.80E-08**	**-7.10E-08**	**-7.40E-08**	**-7.40E-08**	**-7.00E-08**

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)	-6.50E-08	-6.50E-08	-6.50E-08	-6.45E-08	-6.44E-08	-6.44E-08	-6.45E-08	-6.44E-08
URI (ΔCDF)	-5.10E-08	-5.10E-08	-5.10E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.16E-07**	**-1.16E-07**	**-1.16E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-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	0.000105	0.000110	0.000115	0.000202	0.000241	0.000255	0.000213	0.000208	0.000233	0.000144	0.000246	0.000271
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**

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	0.000137	0.000099	0.000190	0.000351	0.000185	0.000111	0.000207	0.000238	0.000209	0.000180	0.000240	0.000247
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	49.0	70.0	96.0	68.0	55.0	53.0	39.0	43.0
Total opportunities	51.0	72.0	98.0	70.0	56.0	53.0	40.0	44.0
Indicator value	**95.9%**	**96.1%**	**96.4%**	**96.6%**	**96.8%**	**97.6%**	**97.7%**	**97.7%**

Licensee Comments: none

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	122.0	127.0	130.0	130.0	128.0	130.0	132.0	128.0
Total Key personnel	122.0	128.0	130.0	130.0	128.0	132.0	134.0	128.0
Indicator value	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**98.5%**	**100.0%**

Licensee Comments: none

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	497	497	497	497	495	496	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
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	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.

Last Modified: May 4, 2011

Salem 1

2Q/2011 Performance Indicators

Licensee's General Comments: none

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	0	1.0	1.0	0	1.0
Critical hours	2208.0	2209.0	2159.0	1603.3	1812.2	2183.8	2159.0	2162.5
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**1.8**	**1.8**	**2.5**

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	0	0	1.0	2.0	0	0	0	1.0
Critical hours	2208.0	2209.0	2159.0	1603.3	1812.2	2183.8	2159.0	2162.5
Indicator value	**0.9**	**0.8**	**0.8**	**2.6**	**2.7**	**2.7**	**1.8**	**0.8**

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	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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-4.00E-07	-4.00E-07	-1.16E-07	-1.16E-07	-1.15E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-1.70E-06	-1.60E-06	-9.57E-07	-9.90E-07	-9.94E-07	-9.21E-07	-9.47E-07	-9.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-06**	**-2.00E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**

Licensee Comments:

2Q/11: Risk Cap Invoked.

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)	-6.50E-10	-7.00E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10
URI (ΔCDF)	-2.30E-08	-2.50E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.37E-08**	**-2.57E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-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	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	-4.70E-08	-4.70E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08
URI (ΔCDF)	-2.30E-07	-2.30E-07	-2.78E-07	-2.49E-07	1.08E-06	1.03E-06	1.02E-06	9.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.77E-07**	**-2.77E-07**	**-3.40E-07**	**-3.10E-07**	**1.00E-06**	**9.70E-07**	**9.60E-07**	**8.90E-07**

Licensee Comments:

2Q/11: Risk Cap Invoked.

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 (ΔCDF)	-1.60E-08	-1.60E-08	-1.62E-08	-1.62E-08	-1.62E-08	-1.62E-08	-1.18E-08	-6.97E-09
URI (ΔCDF)	-5.40E-08	-5.40E-08	-5.15E-08	-5.50E-08	-5.80E-08	-5.73E-08	-5.82E-08	-5.91E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.00E-08**	**-7.00E-08**	**-6.80E-08**	**-7.10E-08**	**-7.40E-08**	**-7.40E-08**	**-7.00E-08**	**-6.60E-08**

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)	-6.50E-08	-6.50E-08	-6.45E-08	-6.44E-08	-6.44E-08	-6.45E-08	-6.44E-08	-6.42E-08
URI (ΔCDF)	-5.10E-08	-5.10E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.16E-07**	**-1.16E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**

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	0.000202	0.000241	0.000255	0.000213	0.000208	0.000233	0.000144	0.000246	0.000271	0.000137	0.000099	0.000190
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**

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	0.000351	0.000185	0.000111	0.000207	0.000238	0.000209	0.000180	0.000240	0.000247	0.000240	0.000223	0.000229
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	70.0	96.0	68.0	55.0	39.0	39.0	43.0	40.0
Total opportunities	72.0	98.0	70.0	56.0	39.0	40.0	44.0	41.0
Indicator value	**96.1%**	**96.4%**	**96.6%**	**96.8%**	**97.6%**	**97.6%**	**97.7%**	**97.8%**

Licensee Comments:

3Q/10: DEP data for September 2010 was changed from 39 to 25 for both total and successful opportunities. No change in color as a result of the correction.

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	127.0	130.0	130.0	128.0	130.0	132.0	128.0	130.0
Total Key personnel	128.0	130.0	130.0	128.0	132.0	134.0	128.0	130.0
Indicator value	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**98.5%**	**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	497	497	497	495	496	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
High radiation area occurrences	0	0	0	1	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**	**1**	**1**	**1**	**1**	**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.

Last Modified: July 22, 2011

Salem 1

3Q/2011 Performance Indicators

Licensee's General Comments: none

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	0	1.0	1.0	0	1.0	0
Critical hours	2209.0	2159.0	1603.3	1812.2	2183.8	2159.0	2162.5	2208.0
Indicator value	**0**	**0**	**0**	**0.9**	**1.8**	**1.8**	**2.5**	**1.6**

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	1.0	2.0	0	0	0	1.0	2.0
Critical hours	2209.0	2159.0	1603.3	1812.2	2183.8	2159.0	2162.5	2208.0
Indicator value	**0.8**	**0.8**	**2.6**	**2.7**	**2.7**	**1.8**	**0.8**	**2.4**

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	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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	-4.00E-07	-1.16E-07	-1.16E-07	-1.15E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-1.60E-06	-9.57E-07	-9.90E-07	-9.94E-07	-9.21E-07	-9.47E-07	-9.45E-07	-9.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**

Licensee Comments:

3Q/11: Risk Cap Invoked.

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)	-7.00E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10
URI (ΔCDF)	-2.50E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.55E-08	-2.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.57E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	-4.70E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08
URI (ΔCDF)	-2.30E-07	-2.78E-07	-2.49E-07	1.08E-06	1.03E-06	1.02E-06	9.50E-07	9.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.77E-07**	**-3.40E-07**	**-3.10E-07**	**1.00E-06**	**9.70E-07**	**9.60E-07**	**8.90E-07**	**8.60E-07**

Licensee Comments:

3Q/11: Risk Cap Invoked.

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 (ΔCDF)	-1.60E-08	-1.62E-08	-1.62E-08	-1.62E-08	-1.62E-08	-1.18E-08	-6.97E-09	-6.97E-09
URI (ΔCDF)	-5.40E-08	-5.15E-08	-5.50E-08	-5.80E-08	-5.73E-08	-5.82E-08	-5.91E-08	-5.99E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.00E-08**	**-6.80E-08**	**-7.10E-08**	**-7.40E-08**	**-7.40E-08**	**-7.00E-08**	**-6.60E-08**	**-6.70E-08**

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)	-6.50E-08	-6.45E-08	-6.44E-08	-6.44E-08	-6.45E-08	-6.44E-08	-6.42E-08	-6.41E-08
URI (ΔCDF)	-5.10E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.16E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-3.20E-08**

Licensee Comments:

3Q/11: Incurred 1 MSPI failure on #11 Component Cooling Water Pump when it was declared inoperable due to discovery of loose casing mounting bolts

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	0.000213	0.000208	0.000233	0.000144	0.000246	0.000271	0.000137	0.000099	0.000190	0.000351	0.000185	0.000111
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**

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	0.000207	0.000238	0.000209	0.000180	0.000240	0.000247	0.000240	0.000223	0.000229	0.000274	0.000257	0.000233
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	96.0	68.0	55.0	39.0	39.0	43.0	40.0	35.0
Total opportunities	98.0	70.0	56.0	39.0	40.0	44.0	41.0	38.0
Indicator value	**96.4%**	**96.6%**	**96.8%**	**97.6%**	**97.6%**	**97.7%**	**97.8%**	**97.4%**

Licensee Comments: none

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	130.0	130.0	128.0	130.0	132.0	128.0	130.0	131.0
Total Key personnel	130.0	130.0	128.0	132.0	134.0	128.0	130.0	131.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**98.5%**	**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	497	497	495	496	497	497	497	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**100.0%**	**99.9%**	**99.8%**	**99.8%**	**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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
High radiation area occurrences	0	0	1	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**	**1**	**1**	**1**	**1**	**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.

Last Modified: November 29, 2011

Salem 1

4Q/2011 Performance Indicators

Licensee's General Comments: none

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	0	1.0	1.0	0	1.0	0	0
Critical hours	2159.0	1603.3	1812.2	2183.8	2159.0	2162.5	2208.0	1581.8
Indicator value	**0**	**0**	**0.9**	**1.8**	**1.8**	**2.5**	**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	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	1.0	2.0	0	0	0	1.0	2.0	1.0
Critical hours	2159.0	1603.3	1812.2	2183.8	2159.0	2162.5	2208.0	1581.8
Indicator value	**0.8**	**2.6**	**2.7**	**2.7**	**1.8**	**0.8**	**2.4**	**3.5**

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	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/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	-1.16E-07	-1.16E-07	-1.15E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-9.57E-07	-9.90E-07	-9.94E-07	-9.21E-07	-9.47E-07	-9.45E-07	-9.88E-07	-9.61E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**

Licensee Comments:

4Q/11: Risk Cap Invoked.

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)	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10
URI (ΔCDF)	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.55E-08	-2.55E-08	-2.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-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/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-4.59E-08
URI (ΔCDF)	-2.78E-07	-2.49E-07	1.08E-06	1.03E-06	1.02E-06	9.50E-07	9.25E-07	8.89E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.40E-07**	**-3.10E-07**	**1.00E-06**	**9.70E-07**	**9.60E-07**	**8.90E-07**	**8.60E-07**	**8.40E-07**

Licensee Comments:

4Q/11: Risk Cap Invoked.

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)	-1.62E-08	-1.62E-08	-1.62E-08	-1.62E-08	-1.18E-08	-6.97E-09	-6.97E-09	-7.04E-09
URI (ΔCDF)	-5.15E-08	-5.50E-08	-5.80E-08	-5.73E-08	-5.82E-08	-5.91E-08	-5.99E-08	-5.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.80E-08**	**-7.10E-08**	**-7.40E-08**	**-7.40E-08**	**-7.00E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**

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)	-6.45E-08	-6.44E-08	-6.44E-08	-6.45E-08	-6.44E-08	-6.42E-08	-6.41E-08	-6.40E-08
URI (ΔCDF)	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-3.20E-08**	**-3.20E-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	0.000144	0.000246	0.000271	0.000137	0.000099	0.000190	0.000351	0.000185	0.000111	0.000207	0.000238	0.000209
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**
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	0.000180	0.000240	0.000247	0.000240	0.000223	0.000229	0.000274	0.000257	0.000233	0.000324	0.000074	0.000154
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	68.0	55.0	39.0	39.0	43.0	40.0	35.0	72.0
Total opportunities	70.0	56.0	39.0	40.0	44.0	41.0	38.0	75.0
Indicator value	**96.6%**	**96.8%**	**97.6%**	**97.6%**	**97.7%**	**97.8%**	**97.4%**	**97.0%**

Licensee Comments: none

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	130.0	128.0	130.0	132.0	128.0	130.0	131.0	136.0
Total Key personnel	130.0	128.0	132.0	134.0	128.0	130.0	131.0	136.0
Indicator value	**100.0%**	**100.0%**	**98.5%**	**98.5%**	**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	497	495	496	497	497	497	496	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Last Modified: February 2, 2012

Salem 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

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	0	1.0	1.0	0	1.0	0	0	0
Critical hours	1603.3	1812.2	2183.8	2159.0	2162.5	2208.0	1581.8	2183.0
Indicator value	**0**	**0.9**	**1.8**	**1.8**	**2.5**	**1.6**	**0.9**	**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	2.0	0	0	0	1.0	2.0	1.0	0
Critical hours	1603.3	1812.2	2183.8	2159.0	2162.5	2208.0	1581.8	2183.0
Indicator value	**2.6**	**2.7**	**2.7**	**1.8**	**0.8**	**2.4**	**3.5**	**3.4**

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	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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	-1.16E-07	-1.15E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-9.90E-07	-9.94E-07	-9.21E-07	-9.47E-07	-9.45E-07	-9.88E-07	-9.61E-07	-9.42E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**

Licensee Comments:

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In additon, the first hour of run time is excluded from the total submitted run hours.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked. MSPI value changed in December due to the rolling off of a start failure from 12/2007. It also changed in October due to a start failure on 1C D/G.

3Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

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)	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.23E-10
URI (ΔCDF)	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.55E-08	-2.55E-08	-2.55E-08	-4.78E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-5.60E-09**

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2) SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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)	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-4.59E-08	-4.59E-08
URI (ΔCDF)	-2.49E-07	1.08E-06	1.03E-06	1.02E-06	9.50E-07	9.25E-07	8.89E-07	8.89E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.10E-07**	**1.00E-06**	**9.70E-07**	**9.60E-07**	**8.90E-07**	**8.60E-07**	**8.40E-07**	**8.40E-07**

Licensee Comments:

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked. Salem Unit 1 experienced 2 valid MSPI failures this quarter associated with the Steam Driven Auxiliary Feed Water Pump which resulted in a reduction in Margin to White.

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 (ΔCDF)	-1.62E-08	-1.62E-08	-1.62E-08	-1.18E-08	-6.97E-09	-6.97E-09	-7.04E-09	-4.48E-09
URI (ΔCDF)	-5.50E-08	-5.80E-08	-5.73E-08	-5.82E-08	-5.91E-08	-5.99E-08	-5.83E-08	1.43E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.10E-08**	**-7.40E-08**	**-7.40E-08**	**-7.00E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**1.40E-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	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	-6.44E-08	-6.44E-08	-6.45E-08	-6.44E-08	-6.42E-08	-6.41E-08	-6.40E-08	-6.40E-08
URI (ΔCDF)	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-3.20E-08**	**-3.20E-08**	**-3.20E-08**

Licensee Comments:

3Q/11: Incurred 1 MSPI failure on #11 Component Cooling Water Pump when it was declared inoperable due to discovery of loose casing mounting bolts

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	0.000137	0.000099	0.000190	0.000351	0.000185	0.000111	0.000207	0.000238	0.000209	0.000180	0.000240	0.000247
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**
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	0.000240	0.000223	0.000229	0.000274	0.000257	0.000233	0.000324	0.000074	0.000154	0.000130	0.000155	0.000094
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	55.0	39.0	39.0	43.0	40.0	34.0	72.0	30.0
Total opportunities	56.0	39.0	40.0	44.0	41.0	37.0	75.0	31.0
Indicator value	**96.8%**	**97.6%**	**97.6%**	**97.7%**	**97.8%**	**97.4%**	**97.0%**	**97.0%**

Licensee Comments:

3Q/10: DEP data for September 2010 was changed from 39 to 25 for both total and successful opportunities. No change in color as a result of the correction.

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	128.0	130.0	132.0	128.0	130.0	131.0	136.0	136.0
Total Key personnel	128.0	132.0	134.0	128.0	130.0	131.0	136.0	136.0
Indicator value	**100.0%**	**98.5%**	**98.5%**	**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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	495	496	497	497	497	496	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
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	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.

Last Modified: April 24, 2012

Salem 1

2Q/2012 Performance Indicators

Licensee's General Comments: none

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	1.0	1.0	0	1.0	0	0	0	1.0
Critical hours	1812.2	2183.8	2159.0	2162.5	2208.0	1581.8	2183.0	2028.3
Indicator value	**0.9**	**1.8**	**1.8**	**2.5**	**1.6**	**0.9**	**0.9**	**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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	0	0	1.0	2.0	1.0	0	0
Critical hours	1812.2	2183.8	2159.0	2162.5	2208.0	1581.8	2183.0	2028.3
Indicator value	**2.7**	**2.7**	**1.8**	**0.8**	**2.4**	**3.5**	**3.4**	**2.6**

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	1.0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1.0**

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	**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/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**
UAI (ΔCDF)	-1.15E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-9.94E-07	-9.21E-07	-9.47E-07	-9.45E-07	-9.88E-07	-9.61E-07	-9.42E-07	-8.95E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.00E-06**

Licensee Comments:

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In additon, the first hour of run time is excluded from the total submitted run hours.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked. MSPI value changed in December due to the rolling off of a start failure from 12/2007. It also changed in October due to a start failure on 1C D/G.

3Q/10: Risk Cap Invoked.

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)	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.23E-10	-8.70E-10
URI (ΔCDF)	-2.54E-08	-2.54E-08	-2.54E-08	-2.55E-08	-2.55E-08	-2.55E-08	-4.78E-09	-4.79E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-5.60E-09**	**-5.70E-09**

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2) SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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)	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-4.59E-08	-4.59E-08	-4.58E-08
URI (ΔCDF)	1.08E-06	1.03E-06	1.02E-06	9.50E-07	9.25E-07	8.89E-07	8.89E-07	8.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.00E-06**	**9.70E-07**	**9.60E-07**	**8.90E-07**	**8.60E-07**	**8.40E-07**	**8.40E-07**	**8.10E-07**

Licensee Comments:

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked. Salem Unit 1 experienced 2 valid MSPI failures this quarter associated with the Steam Driven Auxiliary Feed Water Pump which resulted in a reduction in Margin to White.

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)	-1.62E-08	-1.62E-08	-1.18E-08	-6.97E-09	-6.97E-09	-7.04E-09	-4.48E-09	-9.84E-09
URI (ΔCDF)	-5.80E-08	-5.73E-08	-5.82E-08	-5.91E-08	-5.99E-08	-5.83E-08	1.43E-07	1.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.40E-08**	**-7.40E-08**	**-7.00E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**1.40E-07**	**1.30E-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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-6.44E-08	-6.45E-08	-6.44E-08	-6.42E-08	-6.41E-08	-6.40E-08	-6.40E-08	7.36E-08
URI (ΔCDF)	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-3.20E-08**	**-3.20E-08**	**-3.20E-08**	**1.10E-07**

Licensee Comments:

3Q/11: Incurred 1 MSPI failure on #11 Component Cooling Water Pump when it was declared inoperable due to discovery of loose casing mounting bolts

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	0.000351	0.000185	0.000111	0.000207	0.000238	0.000209	0.000180	0.000240	0.000247	0.000240	0.000223	0.000229
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**
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	0.000274	0.000257	0.000233	0.000324	0.000074	0.000154	0.000130	0.000155	0.000094	0.000170	0.000204	0.000110
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**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	39.0	39.0	43.0	40.0	34.0	72.0	30.0	22.0
Total opportunities	39.0	40.0	44.0	41.0	37.0	75.0	31.0	22.0
Indicator value	**97.6%**	**97.6%**	**97.7%**	**97.8%**	**97.4%**	**97.0%**	**97.0%**	**97.0%**

Licensee Comments:

3Q/10: DEP data for September 2010 was changed from 39 to 25 for both total and successful opportunities. No change in color as a result of the correction.

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	130.0	132.0	128.0	130.0	131.0	136.0	136.0	126.0
Total Key personnel	132.0	134.0	128.0	130.0	131.0	136.0	136.0	126.0
Indicator value	**98.5%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	496	497	497	497	496	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	**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	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.

Salem 1

3Q/2012 Performance Indicators

Licensee's General Comments: none

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	1.0	0	1.0	0	0	0	1.0	0
Critical hours	2183.8	2159.0	2162.5	2208.0	1581.8	2183.0	2028.3	2208.0
Indicator value	**1.8**	**1.8**	**2.5**	**1.6**	**0.9**	**0.9**	**0.9**	**0.9**

Licensee Comments: none

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	2.0	1.0	0	0	0
Critical hours	2183.8	2159.0	2162.5	2208.0	1581.8	2183.0	2028.3	2208.0
Indicator value	**2.7**	**1.8**	**0.8**	**2.4**	**3.5**	**3.4**	**2.6**	**0.9**

Licensee Comments: none

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	1.0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1.0**	**1.0**

Licensee Comments: none

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	**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/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-9.21E-07	-9.47E-07	-9.45E-07	-9.88E-07	-9.61E-07	-9.42E-07	-8.95E-07	-8.76E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.00E-06**	**-1.00E-06**

Licensee Comments:

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In additon, the first hour of run time is excluded from the total submitted run hours.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked. MSPI value changed in December due to the rolling off of a start failure from 12/2007. It also changed in October due to a start failure on 1C D/G.

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)	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.23E-10	-8.70E-10	-7.78E-10
URI (ΔCDF)	-2.54E-08	-2.54E-08	-2.55E-08	-2.55E-08	-2.55E-08	-4.78E-09	-4.79E-09	-4.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-5.60E-09**	**-5.70E-09**	**-5.60E-09**

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2) SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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 (ΔCDF)	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-4.59E-08	-4.59E-08	-4.58E-08	-4.58E-08
URI (ΔCDF)	1.03E-06	1.02E-06	9.50E-07	9.25E-07	8.89E-07	8.89E-07	8.55E-07	8.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.70E-07**	**9.60E-07**	**8.90E-07**	**8.60E-07**	**8.40E-07**	**8.40E-07**	**8.10E-07**	**7.90E-07**

Licensee Comments:

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

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 (ΔCDF)	-1.62E-08	-1.18E-08	-6.97E-09	-6.97E-09	-7.04E-09	-4.48E-09	-9.84E-09	-9.84E-09
URI (ΔCDF)	-5.73E-08	-5.82E-08	-5.91E-08	-5.99E-08	-5.83E-08	1.43E-07	1.38E-07	1.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.40E-08**	**-7.00E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**1.40E-07**	**1.30E-07**	**1.30E-07**

Licensee Comments: none

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)	-6.45E-08	-6.44E-08	-6.42E-08	-6.41E-08	-6.40E-08	-6.40E-08	7.36E-08	7.35E-08
URI (ΔCDF)	-4.98E-08	-4.98E-08	-4.98E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-3.20E-08**	**-3.20E-08**	**-3.20E-08**	**1.10E-07**	**1.10E-07**

Licensee Comments:

3Q/11: Incurred 1 MSPI failure on #11 Component Cooling Water Pump when it was declared inoperable due to discovery of loose casing mounting bolts

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	0.000207	0.000238	0.000209	0.000180	0.000240	0.000247	0.000240	0.000223	0.000229	0.000274	0.000257	0.000233
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**
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	0.000324	0.000074	0.000154	0.000130	0.000155	0.000094	0.000170	0.000204	0.000110	0.000208	0.000156	0.000110
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**

Licensee Comments: none

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	39.0	43.0	40.0	34.0	72.0	30.0	22.0	51.0
Total opportunities	40.0	44.0	41.0	37.0	75.0	31.0	22.0	52.0
Indicator value	**97.6%**	**97.7%**	**97.8%**	**97.4%**	**97.0%**	**97.0%**	**97.0%**	**96.8%**

Licensee Comments: none

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	132.0	128.0	130.0	131.0	136.0	136.0	126.0	121.0
Total Key personnel	134.0	128.0	130.0	131.0	136.0	136.0	126.0	121.0
Indicator value	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	497	497	497	496	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**

Licensee Comments: none

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	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

Salem 1

4Q/2012 Performance Indicators

Licensee's General Comments: none

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	2.0
Critical hours	2159.0	2162.5	2208.0	1581.8	2183.0	2028.3	2208.0	2116.5
Indicator value	**1.8**	**2.5**	**1.6**	**0.9**	**0.9**	**0.9**	**0.9**	**2.5**

Licensee Comments: none

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	2.0	1.0	0	0	0	0
Critical hours	2159.0	2162.5	2208.0	1581.8	2183.0	2028.3	2208.0	2116.5
Indicator value	**1.8**	**0.8**	**2.4**	**3.5**	**3.4**	**2.6**	**0.9**	**0**

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	1.0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1.0**	**1.0**	**1.0**

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	**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/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-9.47E-07	-9.45E-07	-9.88E-07	-9.61E-07	-9.42E-07	-8.95E-07	-8.76E-07	-8.56E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.00E-06**	**-1.00E-06**	**-1.00E-06**

Licensee Comments:

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In additon, the first hour of run time is excluded from the total submitted run hours.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

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 (ΔCDF)	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.23E-10	-8.70E-10	-7.78E-10	-7.77E-10
URI (ΔCDF)	-2.54E-08	-2.55E-08	-2.55E-08	-2.55E-08	-4.78E-09	-4.79E-09	-4.80E-09	-4.82E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-5.60E-09**	**-5.70E-09**	**-5.60E-09**	**-5.60E-09**

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2)SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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 (ΔCDF)	-6.21E-08	-6.21E-08	-6.21E-08	-4.59E-08	-4.59E-08	-4.58E-08	-4.58E-08	-4.57E-08
URI (ΔCDF)	1.02E-06	9.50E-07	9.25E-07	8.89E-07	8.89E-07	8.55E-07	8.34E-07	7.94E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.60E-07**	**8.90E-07**	**8.60E-07**	**8.40E-07**	**8.40E-07**	**8.10E-07**	**7.90E-07**	**7.50E-07**

Licensee Comments:

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

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)	-1.18E-08	-6.97E-09	-6.97E-09	-7.04E-09	-4.48E-09	-9.84E-09	-9.84E-09	-6.47E-09
URI (ΔCDF)	-5.82E-08	-5.91E-08	-5.99E-08	-5.83E-08	1.43E-07	1.38E-07	1.38E-07	1.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.00E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	-6.44E-08	-6.42E-08	-6.41E-08	-6.40E-08	-6.40E-08	7.36E-08	7.35E-08	7.40E-08
URI (ΔCDF)	-4.98E-08	-4.98E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-1.10E-07**	**-3.20E-08**	**-3.20E-08**	**-3.20E-08**	**1.10E-07**	**1.10E-07**	**1.10E-07**

Licensee Comments:

3Q/11: Incurred 1 MSPI failure on #11 Component Cooling Water Pump when it was declared inoperable due to discovery of loose casing mounting bolts

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	0.000180	0.000240	0.000247	0.000240	0.000223	0.000229	0.000274	0.000257	0.000233	0.000324	0.000074	0.000154
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**
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	0.000130	0.000155	0.000094	0.000170	0.000204	0.000110	0.000208	0.000156	0.000110	0.000208	0.000205	0.000200
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**

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	0	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0	0.080	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**	**0**

Licensee Comments: none

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	43.0	40.0	34.0	72.0	30.0	22.0	54.0	31.0
Total opportunities	44.0	41.0	37.0	75.0	31.0	22.0	55.0	33.0
Indicator value	**97.7%**	**97.8%**	**97.4%**	**97.0%**	**97.0%**	**97.0%**	**96.8%**	**96.4%**

Licensee Comments: none

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	128.0	130.0	131.0	136.0	136.0	126.0	121.0	123.0
Total Key personnel	128.0	130.0	131.0	136.0	136.0	126.0	121.0	123.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	497	497	496	497	497	497	497	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**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/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	**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	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

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.

Last Modified: January 23, 2013

Salem 1

1Q/2013 Performance Indicators

Licensee's General Comments: none

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	2.0	0
Critical hours	2162.5	2208.0	1581.8	2183.0	2028.3	2208.0	2116.5	2159.0
Indicator value	**2.5**	**1.6**	**0.9**	**0.9**	**0.9**	**0.9**	**2.5**	**2.5**

Licensee Comments: none

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	2.0	1.0	0	0	0	0	0
Critical hours	2162.5	2208.0	1581.8	2183.0	2028.3	2208.0	2116.5	2159.0
Indicator value	**0.8**	**2.4**	**3.5**	**3.4**	**2.6**	**0.9**	**0**	**0**

Licensee Comments: none

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	1.0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

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 (ΔCDF)	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-9.45E-07	-9.88E-07	-9.61E-07	-9.42E-07	-8.95E-07	-8.76E-07	-8.56E-07	-7.93E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.00E-06**	**-1.00E-06**	**-1.00E-06**	**-9.30E-07**

Licensee Comments:

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In additon, the first hour of run time is excluded from the total submitted run hours.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

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 (ΔCDF)	-8.70E-10	-8.70E-10	-8.70E-10	-8.23E-10	-8.70E-10	-7.78E-10	-7.77E-10	-6.86E-10
URI (ΔCDF)	-2.55E-08	-2.55E-08	-2.55E-08	-4.78E-09	-4.79E-09	-4.80E-09	-4.82E-09	-4.86E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-2.60E-08**	**-2.60E-08**	**-5.60E-09**	**-5.70E-09**	**-5.60E-09**	**-5.60E-09**	**-5.50E-09**

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2)SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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 (ΔCDF)	-6.21E-08	-6.21E-08	-4.59E-08	-4.59E-08	-4.58E-08	-4.58E-08	-4.57E-08	-4.57E-08
URI (ΔCDF)	9.50E-07	9.25E-07	8.89E-07	8.89E-07	8.55E-07	8.34E-07	7.94E-07	7.94E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.90E-07**	**8.60E-07**	**8.40E-07**	**8.40E-07**	**8.10E-07**	**7.90E-07**	**7.50E-07**	**7.50E-07**

Licensee Comments:

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

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/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-6.97E-09	-6.97E-09	-7.04E-09	-4.48E-09	-9.84E-09	-9.84E-09	-6.47E-09	-1.20E-08
URI (ΔCDF)	-5.91E-08	-5.99E-08	-5.83E-08	1.43E-07	1.38E-07	1.38E-07	1.38E-07	1.39E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**

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/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	-6.42E-08	-6.41E-08	-6.40E-08	-6.40E-08	7.36E-08	7.35E-08	7.40E-08	7.39E-08
URI (ΔCDF)	-4.98E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-3.20E-08**	**-3.20E-08**	**-3.20E-08**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**

Licensee Comments:

3Q/11: Incurred 1 MSPI failure on #11 Component Cooling Water Pump when it was declared inoperable due to discovery of loose casing mounting bolts

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	0.000240	0.000223	0.000229	0.000274	0.000257	0.000233	0.000324	0.000074	0.000154	0.000130	0.000155	0.000094
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**

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	0.000170	0.000204	0.000110	0.000208	0.000156	0.000110	0.000208	0.000205	0.000200	0.000216	0.000213	0.000242
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**

Licensee Comments: none

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	0	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0	0	0	0.080	0	0.148	0.170	0.198
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**	**0**	**0**	**0.8**	**0**	**1.5**	**1.7**	**2.0**

Licensee Comments: none

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	40.0	34.0	72.0	30.0	22.0	54.0	31.0	31.0
Total opportunities	41.0	37.0	75.0	31.0	22.0	55.0	33.0	33.0
Indicator value	**97.8%**	**97.4%**	**97.0%**	**97.0%**	**97.0%**	**96.8%**	**96.4%**	**96.0%**

Licensee Comments: none

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	130.0	131.0	136.0	136.0	126.0	121.0	123.0	122.0
Total Key personnel	130.0	131.0	136.0	136.0	126.0	121.0	123.0	122.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	497	496	497	497	497	497	496	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**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/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

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

Salem 1

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	2.0	0	0
Critical hours	2208.0	1581.8	2183.0	2028.3	2208.0	2116.5	2159.0	1281.6
Indicator value	**1.6**	**0.9**	**0.9**	**0.9**	**0.9**	**2.5**	**2.5**	**1.8**

Licensee Comments: none

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	2.0	1.0	0	0	0	0	0	0
Critical hours	2208.0	1581.8	2183.0	2028.3	2208.0	2116.5	2159.0	1281.6
Indicator value	**2.4**	**3.5**	**3.4**	**2.6**	**0.9**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0.0**

Licensee Comments: none

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 (ΔCDF)	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.40E-07
URI (ΔCDF)	-9.88E-07	-9.61E-07	-9.42E-07	-8.95E-07	-8.76E-07	-8.56E-07	-7.93E-07	-7.92E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.10E-06**	**-1.10E-06**	**-1.00E-06**	**-1.00E-06**	**-1.00E-06**	**-9.30E-07**	**-9.30E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In additon, the first hour of run time is excluded from the total submitted run hours.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

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)	-8.70E-10	-8.70E-10	-8.23E-10	-8.70E-10	-7.78E-10	-7.77E-10	-6.86E-10	-6.70E-10
URI (ΔCDF)	-2.55E-08	-2.55E-08	-4.78E-09	-4.79E-09	-4.80E-09	-4.82E-09	-4.86E-09	-4.93E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-2.60E-08**	**-5.60E-09**	**-5.70E-09**	**-5.60E-09**	**-5.60E-09**	**-5.50E-09**	**-5.60E-09**

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2)SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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 (ΔCDF)	-6.21E-08	-4.59E-08	-4.59E-08	-4.58E-08	-4.58E-08	-4.57E-08	-4.57E-08	-4.55E-08
URI (ΔCDF)	9.25E-07	8.89E-07	8.89E-07	8.55E-07	8.34E-07	7.94E-07	7.94E-07	7.75E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.60E-07**	**8.40E-07**	**8.40E-07**	**8.10E-07**	**7.90E-07**	**7.50E-07**	**7.50E-07**	**7.30E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

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 (ΔCDF)	-6.97E-09	-7.04E-09	-4.48E-09	-9.84E-09	-9.84E-09	-6.47E-09	-1.20E-08	-1.17E-08
URI (ΔCDF)	-5.99E-08	-5.83E-08	1.43E-07	1.38E-07	1.38E-07	1.38E-07	1.39E-07	1.37E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.70E-08**	**-6.50E-08**	**1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**

Licensee Comments: none

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)	-6.41E-08	-6.40E-08	-6.40E-08	7.36E-08	7.35E-08	7.40E-08	7.39E-08	7.58E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-08**	**-3.20E-08**	**-3.20E-08**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**

Licensee Comments:

3Q/11: Incurred 1 MSPI failure on #11 Component Cooling Water Pump when it was declared inoperable due to discovery of loose casing mounting bolts

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	0.000274	0.000257	0.000233	0.000324	0.000074	0.000154	0.000130	0.000155	0.000094	0.000170	0.000204	0.000110
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**

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	0.000208	0.000156	0.000110	0.000208	0.000205	0.000200	0.000216	0.000213	0.000242	0.000251	0.000052	0.000062
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**

Licensee Comments: none

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0	0.080	0	0.148	0.170	0.198	0.225	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**	**0**	**0**	**0**	**0.8**	**0**	**1.5**	**1.7**	**2.0**	**2.3**	**0**	**0**

Licensee Comments: none

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	34.0	72.0	30.0	22.0	54.0	31.0	31.0	19.0
Total opportunities	37.0	75.0	31.0	22.0	55.0	33.0	33.0	19.0
Indicator value	**97.4%**	**97.0%**	**97.0%**	**97.0%**	**96.8%**	**96.4%**	**96.0%**	**96.1%**

Licensee Comments: none

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	131.0	136.0	136.0	126.0	121.0	123.0	122.0	118.0
Total Key personnel	131.0	136.0	136.0	126.0	121.0	123.0	122.0	118.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	496	497	497	497	497	496	497	495
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.8%**

Licensee Comments: none

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	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:

4Q/12: Two workers received electronic dosimeter dose rate alarms in the reactor cavity on 07 November 2012. After completing an investigation and evaluation with the licensee, the NRC inspector debriefed this event as an High Radiation Area (HRA) event during a June 2013 inspection exit meeting. The event is now documented as such in this metric. This affected the 4th Quarter data and did not result in a color change.

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

Salem 1

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	2.0	0	0	0
Critical hours	1581.8	2183.0	2028.3	2208.0	2116.5	2159.0	1281.6	2173.5
Indicator value	**0.9**	**0.9**	**0.9**	**0.9**	**2.5**	**2.5**	**1.8**	**1.8**

Licensee Comments: none

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	1.0	0	0	0	0	0	0	1.0
Critical hours	1581.8	2183.0	2028.3	2208.0	2116.5	2159.0	1281.6	2173.5
Indicator value	**3.5**	**3.4**	**2.6**	**0.9**	**0**	**0**	**0**	**0.9**

Licensee Comments: none

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	1.0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0.0**	**0.0**

Licensee Comments: none

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)	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.40E-07	-1.41E-07
URI (ΔCDF)	-9.61E-07	-9.42E-07	-8.95E-07	-8.76E-07	-8.56E-07	-7.93E-07	-7.92E-07	-7.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.10E-06**	**-1.00E-06**	**-1.00E-06**	**-1.00E-06**	**-9.30E-07**	**-9.30E-07**	**-9.10E-07**

Licensee Comments:

3Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In additon, the first hour of run time is excluded from the total submitted run hours.

4Q/11: Risk Cap Invoked.

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 (ΔCDF)	-8.70E-10	-8.23E-10	-8.70E-10	-7.78E-10	-7.77E-10	-6.86E-10	-6.70E-10	-6.47E-10
URI (ΔCDF)	-2.55E-08	-4.78E-09	-4.79E-09	-4.80E-09	-4.82E-09	-4.86E-09	-4.93E-09	-4.97E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-5.60E-09**	**-5.70E-09**	**-5.60E-09**	**-5.60E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2)SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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 (ΔCDF)	-4.59E-08	-4.59E-08	-4.58E-08	-4.58E-08	-4.57E-08	-4.57E-08	-4.55E-08	-4.57E-08
URI (ΔCDF)	8.89E-07	8.89E-07	8.55E-07	8.34E-07	7.94E-07	7.94E-07	7.75E-07	-3.68E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.40E-07**	**8.40E-07**	**8.10E-07**	**7.90E-07**	**7.50E-07**	**7.50E-07**	**7.30E-07**	**-4.10E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

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 (ΔCDF)	-7.04E-09	-4.48E-09	-9.84E-09	-9.84E-09	-6.47E-09	-1.20E-08	-1.17E-08	-1.20E-08
URI (ΔCDF)	-5.83E-08	1.43E-07	1.38E-07	1.38E-07	1.38E-07	1.39E-07	1.37E-07	1.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-6.40E-08	-6.40E-08	7.36E-08	7.35E-08	7.40E-08	7.39E-08	7.58E-08	7.38E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-08**	**-3.20E-08**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**

Licensee Comments: none

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	0.000324	0.000074	0.000154	0.000130	0.000155	0.000094	0.000170	0.000204	0.000110	0.000208	0.000156	0.000110
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**

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	0.000208	0.000205	0.000200	0.000216	0.000213	0.000242	0.000251	0.000052	0.000062	0.000088	0.000071	0.000073
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**

Licensee Comments: none

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	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0.080	0	0.148	0.170	0.198	0.225	0	0	0	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**	**0.8**	**0**	**1.5**	**1.7**	**2.0**	**2.3**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	72.0	30.0	22.0	54.0	31.0	31.0	19.0	52.0
Total opportunities	75.0	31.0	22.0	55.0	33.0	33.0	19.0	54.0
Indicator value	**97.0%**	**97.0%**	**97.0%**	**96.8%**	**96.4%**	**96.0%**	**96.1%**	**96.6%**

Licensee Comments: none

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	136.0	136.0	126.0	121.0	123.0	122.0	118.0	119.0
Total Key personnel	136.0	136.0	126.0	121.0	123.0	122.0	118.0	119.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	497	497	497	497	496	497	495	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**

Licensee Comments: none

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	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:

4Q/12: Two workers received electronic dosimeter dose rate alarms in the reactor cavity on 07 November 2012. After completing an investigation and evaluation with the licensee, the NRC inspector debriefed this event as an High Radiation Area (HRA) event during a June 2013 inspection exit meeting. The event is now documented as such in this metric. This affected the 4th Quarter data and did not result in a color change.

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

Salem 1

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	2.0	0	0	0	0
Critical hours	2183.0	2028.3	2208.0	2116.5	2159.0	1281.6	2173.5	2209.0
Indicator value	**0.9**	**0.9**	**0.9**	**2.5**	**2.5**	**1.8**	**1.8**	**0**

Licensee Comments: none

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	0	0	0	1.0	0
Critical hours	2183.0	2028.3	2208.0	2116.5	2159.0	1281.6	2173.5	2209.0
Indicator value	**3.4**	**2.6**	**0.9**	**0**	**0**	**0**	**0.9**	**0.9**

Licensee Comments: none

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	1.0	0	0	0	0	0	0
Indicator value	**0.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

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 (ΔCDF)	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.40E-07	-1.41E-07	-1.62E-07
URI (ΔCDF)	-9.42E-07	-8.95E-07	-8.76E-07	-8.56E-07	-7.93E-07	-7.92E-07	-7.72E-07	-1.27E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-06**	**-1.00E-06**	**-1.00E-06**	**-1.00E-06**	**-9.30E-07**	**-9.30E-07**	**-9.10E-07**	**-1.40E-06**

Licensee Comments:

3Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In additon, the first hour of run time is excluded from the total submitted run hours.

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 (ΔCDF)	-8.23E-10	-8.70E-10	-7.78E-10	-7.77E-10	-6.86E-10	-6.70E-10	-6.47E-10	-6.25E-10
URI (ΔCDF)	-4.78E-09	-4.79E-09	-4.80E-09	-4.82E-09	-4.86E-09	-4.93E-09	-4.97E-09	-5.03E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-09**	**-5.70E-09**	**-5.60E-09**	**-5.60E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**	**-5.70E-09**

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2) SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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 (ΔCDF)	-4.59E-08	-4.58E-08	-4.58E-08	-4.57E-08	-4.57E-08	-4.55E-08	-4.57E-08	-4.58E-08
URI (ΔCDF)	8.89E-07	8.55E-07	8.34E-07	7.94E-07	7.94E-07	7.75E-07	-3.68E-07	-3.57E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.40E-07**	**8.10E-07**	**7.90E-07**	**7.50E-07**	**7.50E-07**	**7.30E-07**	**-4.10E-07**	**-4.00E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

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 (ΔCDF)	-4.48E-09	-9.84E-09	-9.84E-09	-6.47E-09	-1.20E-08	-1.17E-08	-1.20E-08	-1.29E-08
URI (ΔCDF)	1.43E-07	1.38E-07	1.38E-07	1.38E-07	1.39E-07	1.37E-07	1.40E-07	1.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**

Licensee Comments:

4Q/13: 1RHE2 Demands corrected to match Bases Document.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-6.40E-08	7.36E-08	7.35E-08	7.40E-08	7.39E-08	7.58E-08	7.38E-08	7.37E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-08**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**

Licensee Comments: none

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	0.000130	0.000155	0.000094	0.000170	0.000204	0.000110	0.000208	0.000156	0.000110	0.000208	0.000205	0.000200
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**

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	0.000216	0.000213	0.000242	0.000251	0.000052	0.000062	0.000088	0.000071	0.000073	0.000136	0.000129	0.000152
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**

Licensee Comments: none

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	0	0	0	0	0	0	0	0	0.080	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**	**0**

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	0.148	0.170	0.198	0.225	0	0	0	0	0	0	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**	**1.7**	**2.0**	**2.3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	30.0	22.0	54.0	31.0	31.0	19.0	52.0	29.0
Total opportunities	31.0	22.0	55.0	33.0	33.0	19.0	54.0	30.0
Indicator value	**97.0%**	**97.0%**	**96.8%**	**96.4%**	**96.0%**	**96.1%**	**96.6%**	**96.8%**

Licensee Comments: none

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	136.0	126.0	121.0	123.0	122.0	118.0	119.0	118.0
Total Key personnel	136.0	126.0	121.0	123.0	122.0	118.0	119.0	118.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	497	497	497	496	497	495	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.9%**

Licensee Comments: none

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	1	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**	**1**	**1**	**1**	**1**	**0**

Licensee Comments:

4Q/12: Two workers received electronic dosimeter dose rate alarms in the reactor cavity on 07 November 2012. After completing an investigation and evaluation with the licensee, the NRC inspector debriefed this event as an High Radiation Area (HRA) event during a June 2013 inspection exit meeting. The event is now documented as such in this metric. This affected the 4th Quarter data and did not result in a color change.

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

Salem 1

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	2.0	0	0	0	0	0
Critical hours	2028.3	2208.0	2116.5	2159.0	1281.6	2173.5	2209.0	2159.0
Indicator value	**0.9**	**0.9**	**2.5**	**2.5**	**1.8**	**1.8**	**0**	**0**

Licensee Comments: none

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	0	0	0	1.0	0	0
Critical hours	2028.3	2208.0	2116.5	2159.0	1281.6	2173.5	2209.0	2159.0
Indicator value	**2.6**	**0.9**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**

Licensee Comments: none

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	1.0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

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	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

1Q/14: LER 272/2014-001-00.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.40E-07	-1.41E-07	-1.62E-07	-1.62E-07
URI (ΔCDF)	-8.95E-07	-8.76E-07	-8.56E-07	-7.93E-07	-7.92E-07	-7.72E-07	-1.27E-06	-1.21E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-06**	**-1.00E-06**	**-1.00E-06**	**-9.30E-07**	**-9.30E-07**	**-9.10E-07**	**-1.40E-06**	**-1.40E-06**

Licensee Comments:

3Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

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/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-8.70E-10	-7.78E-10	-7.77E-10	-6.86E-10	-6.70E-10	-6.47E-10	-6.25E-10	-6.79E-10
URI (ΔCDF)	-4.79E-09	-4.80E-09	-4.82E-09	-4.86E-09	-4.93E-09	-4.97E-09	-5.03E-09	-5.06E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-09**	**-5.60E-09**	**-5.60E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**	**-5.70E-09**	**-5.70E-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/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	-4.58E-08	-4.58E-08	-4.57E-08	-4.57E-08	-4.55E-08	-4.57E-08	-4.58E-08	-4.58E-08
URI (ΔCDF)	8.55E-07	8.34E-07	7.94E-07	7.94E-07	7.75E-07	-3.68E-07	-3.57E-07	-3.54E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.10E-07**	**7.90E-07**	**7.50E-07**	**7.50E-07**	**7.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.00E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

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)	-9.84E-09	-9.84E-09	-6.47E-09	-1.20E-08	-1.17E-08	-1.20E-08	-1.29E-08	-1.30E-08
URI (ΔCDF)	1.38E-07	1.38E-07	1.38E-07	1.39E-07	1.37E-07	1.40E-07	1.40E-07	1.41E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**

Licensee Comments:

4Q/13: 1RHE2 Demands corrected to match Bases Document.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	7.36E-08	7.35E-08	7.40E-08	7.39E-08	7.58E-08	7.38E-08	7.37E-08	7.36E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**

Licensee Comments: none

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	0.000170	0.000204	0.000110	0.000208	0.000156	0.000110	0.000208	0.000205	0.000200	0.000216	0.000213	0.000242
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**

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	0.000251	0.000052	0.000062	0.000088	0.000071	0.000073	0.000136	0.000129	0.000152	0.000114	0.000090	0.000086
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**

Licensee Comments: none

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	0	0	0	0	0	0	0.080	0	0.148	0.170	0.198
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**	**0**	**0**	**0.8**	**0**	**1.5**	**1.7**	**2.0**

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	0.225	0	0	0	0	0	0	0	0	0	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	**2.3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	22.0	54.0	31.0	31.0	19.0	48.0	29.0	41.0
Total opportunities	22.0	55.0	33.0	33.0	19.0	50.0	30.0	42.0
Indicator value	**97.0%**	**96.8%**	**96.4%**	**96.0%**	**96.1%**	**96.5%**	**96.7%**	**96.8%**

Licensee Comments:

3Q/13: As a result of a Focused Area Self Assessment the PI Data for this quarter corrected/reduced by 5 notification opportunities in Salem simulator due to not having sufficient supporting documentation for credit. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	126.0	121.0	123.0	122.0	118.0	117.0	116.0	117.0
Total Key personnel	126.0	121.0	123.0	122.0	118.0	119.0	118.0	120.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.3%**	**98.3%**	**97.5%**

Licensee Comments:

4Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

3Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	497	497	496	497	495	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**

Licensee Comments: none

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	1	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**	**1**	**1**	**1**	**1**	**0**	**0**

Licensee Comments:

4Q/12: Two workers received electronic dosimeter dose rate alarms in the reactor cavity on 07 November 2012. After completing an investigation and evaluation with the licensee, the NRC inspector debriefed this event as an High Radiation Area (HRA) event during a June 2013 inspection exit meeting. The event is now documented as such in this metric. This affected the 4th Quarter data and did not result in a color change.

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

Salem 1

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	2.0	0	0	0	0	0	3.0
Critical hours	2208.0	2116.5	2159.0	1281.6	2173.5	2209.0	2159.0	1989.7
Indicator value	**0.9**	**2.5**	**2.5**	**1.8**	**1.8**	**0**	**0**	**2.5**

Licensee Comments: none

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	0	0	0	1.0	0	0	0
Critical hours	2208.0	2116.5	2159.0	1281.6	2173.5	2209.0	2159.0	1989.7
Indicator value	**0.9**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**

Licensee Comments: none

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	**1.0**	**1.0**	**1.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

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	1	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**

Licensee Comments:

1Q/14: LER 272/2014-001-00.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-1.41E-07	-1.41E-07	-1.41E-07	-1.40E-07	-1.41E-07	-1.62E-07	-1.62E-07	-1.62E-07
URI (ΔCDF)	-8.76E-07	-8.56E-07	-7.93E-07	-7.92E-07	-7.72E-07	-1.27E-06	-1.21E-06	-1.19E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-06**	**-1.00E-06**	**-9.30E-07**	**-9.30E-07**	**-9.10E-07**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**

Licensee Comments:

3Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

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 (ΔCDF)	-7.78E-10	-7.77E-10	-6.86E-10	-6.70E-10	-6.47E-10	-6.25E-10	-6.79E-10	-6.71E-10
URI (ΔCDF)	-4.80E-09	-4.82E-09	-4.86E-09	-4.93E-09	-4.97E-09	-5.03E-09	-5.06E-09	-5.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-09**	**-5.60E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**	**-5.70E-09**	**-5.70E-09**	**-5.80E-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	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-4.58E-08	-4.57E-08	-4.57E-08	-4.55E-08	-4.57E-08	-4.58E-08	-4.58E-08	-4.56E-08
URI (ΔCDF)	8.34E-07	7.94E-07	7.94E-07	7.75E-07	-3.68E-07	-3.57E-07	-3.54E-07	-3.42E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.90E-07**	**7.50E-07**	**7.50E-07**	**7.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.00E-07**	**-3.90E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

3Q/12: Risk Cap Invoked.

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/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-9.84E-09	-6.47E-09	-1.20E-08	-1.17E-08	-1.20E-08	-1.29E-08	-1.30E-08	-1.36E-08
URI (ΔCDF)	1.38E-07	1.38E-07	1.39E-07	1.37E-07	1.40E-07	1.40E-07	1.41E-07	1.41E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**

Licensee Comments:

4Q/13: 1RHE2 Demands corrected to match Bases Document.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	7.35E-08	7.40E-08	7.39E-08	7.58E-08	7.38E-08	7.37E-08	7.36E-08	7.44E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**

Licensee Comments: none

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	0.000208	0.000156	0.000110	0.000208	0.000205	0.000200	0.000216	0.000213	0.000242	0.000251	0.000052	0.000062
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**
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	0.000088	0.000071	0.000073	0.000136	0.000129	0.000152	0.000114	0.000090	0.000086	0.000153	0.000160	0.000090
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**

Licensee Comments: none

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	0	0	0	0.080	0	0.148	0.170	0.198	0.225	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**	**0**	**0**	**0**	**0.8**	**0**	**1.5**	**1.7**	**2.0**	**2.3**	**0**	**0**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	54.0	31.0	31.0	19.0	48.0	29.0	41.0	34.0
Total opportunities	55.0	33.0	33.0	19.0	50.0	30.0	42.0	35.0
Indicator value	**96.8%**	**96.4%**	**96.0%**	**96.1%**	**96.5%**	**96.7%**	**96.8%**	**96.6%**

Licensee Comments:

3Q/13: As a result of a Focused Area Self Assessment the PI Data for this quarter corrected/reduced by 5 notification opportunities in Salem simulator due to not having sufficient supporting documentation for credit. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	121.0	123.0	122.0	118.0	117.0	116.0	117.0	111.0
Total Key personnel	121.0	123.0	122.0	118.0	119.0	118.0	120.0	112.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.3%**	**98.3%**	**97.5%**	**99.1%**

Licensee Comments:

4Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

3Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	497	496	497	495	497	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**100.0%**

Licensee Comments: none

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	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/12: Two workers received electronic dosimeter dose rate alarms in the reactor cavity on 07 November 2012. After completing an investigation and evaluation with the licensee, the NRC inspector debriefed this event as an High Radiation Area (HRA) event during a June 2013 inspection exit meeting. The event is now documented as such in this metric. This affected the 4th Quarter data and did not result in a color change.

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

Salem 1

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	2.0	0	0	0	0	0	3.0	0
Critical hours	2116.5	2159.0	1281.6	2173.5	2209.0	2159.0	1989.7	2208.0
Indicator value	**2.5**	**2.5**	**1.8**	**1.8**	**0**	**0**	**2.5**	**2.5**

Licensee Comments: none

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	0	0	0	1.0	0	0	0	0
Critical hours	2116.5	2159.0	1281.6	2173.5	2209.0	2159.0	1989.7	2208.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**

Licensee Comments: none

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	**1.0**	**1.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

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	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**

Licensee Comments:

1Q/14: LER 272/2014-001-00.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-1.41E-07	-1.41E-07	-1.40E-07	-1.41E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07
URI (ΔCDF)	-8.56E-07	-7.93E-07	-7.92E-07	-7.72E-07	-1.27E-06	-1.21E-06	-1.19E-06	-1.14E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-06**	**-9.30E-07**	**-9.30E-07**	**-9.10E-07**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-1.30E-06**

Licensee Comments:

3Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

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 (ΔCDF)	-7.77E-10	-6.86E-10	-6.70E-10	-6.47E-10	-6.25E-10	-6.79E-10	-6.71E-10	-4.21E-10
URI (ΔCDF)	-4.82E-09	-4.86E-09	-4.93E-09	-4.97E-09	-5.03E-09	-5.06E-09	-5.10E-09	-3.02E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**	**-5.70E-09**	**-5.70E-09**	**-5.80E-09**	**-3.40E-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	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-4.57E-08	-4.57E-08	-4.55E-08	-4.57E-08	-4.58E-08	-4.58E-08	-4.56E-08	-4.56E-08
URI (ΔCDF)	7.94E-07	7.94E-07	7.75E-07	-3.68E-07	-3.57E-07	-3.54E-07	-3.42E-07	-3.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.50E-07**	**7.50E-07**	**7.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.00E-07**	**-3.90E-07**	**-3.80E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

4Q/12: Risk Cap Invoked.

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/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-6.47E-09	-1.20E-08	-1.17E-08	-1.20E-08	-1.29E-08	-1.30E-08	-1.36E-08	-1.36E-08
URI (ΔCDF)	1.38E-07	1.39E-07	1.37E-07	1.40E-07	1.40E-07	1.41E-07	1.41E-07	1.42E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**

Licensee Comments:

4Q/13: 1RHE2 Demands corrected to match Bases Document.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	7.40E-08	7.39E-08	7.58E-08	7.38E-08	7.37E-08	7.36E-08	7.44E-08	7.43E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	-4.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**2.40E-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	0.000208	0.000205	0.000200	0.000216	0.000213	0.000242	0.000251	0.000052	0.000062	0.000088	0.000071	0.000073
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**

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	0.000136	0.000129	0.000152	0.000114	0.000090	0.000086	0.000153	0.000160	0.000090	0.000165	0.000174	0.000163
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**

Licensee Comments: none

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	0	0.080	0	0.148	0.170	0.198	0.225	0	0	0	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**	**0.8**	**0**	**1.5**	**1.7**	**2.0**	**2.3**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	31.0	31.0	19.0	48.0	29.0	41.0	34.0	58.0
Total opportunities	33.0	33.0	19.0	50.0	30.0	42.0	35.0	59.0
Indicator value	**96.4%**	**96.0%**	**96.1%**	**96.5%**	**96.7%**	**96.8%**	**96.6%**	**96.7%**

Licensee Comments:

3Q/13: As a result of a Focused Area Self Assessment the PI Data for this quarter corrected/reduced by 5 notification opportunities in Salem simulator due to not having sufficient supporting documentation for credit. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	123.0	122.0	118.0	117.0	116.0	117.0	111.0	116.0
Total Key personnel	123.0	122.0	118.0	119.0	118.0	120.0	112.0	116.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**98.3%**	**98.3%**	**97.5%**	**99.1%**	**100.0%**

Licensee Comments:

4Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

3Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	496	497	495	497	497	497	497	494
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**100.0%**	**99.8%**

Licensee Comments: none

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	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:

4Q/12: Two workers received electronic dosimeter dose rate alarms in the reactor cavity on 07 November 2012. After completing an investigation and evaluation with the licensee, the NRC inspector debriefed this event as an High Radiation Area (HRA) event during a June 2013 inspection exit meeting. The event is now documented as such in this metric. This affected the 4th Quarter data and did not result in a color change.

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

Salem 1

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0	0	0	0	3.0	0	1.0
Critical hours	2159.0	1281.6	2173.5	2209.0	2159.0	1989.7	2208.0	1422.1
Indicator value	**2.5**	**1.8**	**1.8**	**0**	**0**	**2.5**	**2.5**	**3.6**

Licensee Comments:

4Q/14: LER 272/2014-005-00

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	1.0	0	0	0	0	1.0
Critical hours	2159.0	1281.6	2173.5	2209.0	2159.0	1989.7	2208.0	1422.1
Indicator value	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0.9**

Licensee Comments:

4Q/14: A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

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	**1.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

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	1	0	0	1
Indicator value	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**2**

Licensee Comments:

1Q/14: LER 272/2014-001-00.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-1.41E-07	-1.40E-07	-1.41E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07
URI (ΔCDF)	-7.93E-07	-7.92E-07	-7.72E-07	-1.27E-06	-1.21E-06	-1.19E-06	-1.14E-06	-1.14E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.30E-07**	**-9.30E-07**	**-9.10E-07**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-1.30E-06**	**-1.30E-06**

Licensee Comments:

3Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

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 (ΔCDF)	-6.86E-10	-6.70E-10	-6.47E-10	-6.25E-10	-6.79E-10	-6.71E-10	-4.21E-10	1.88E-10
URI (ΔCDF)	-4.86E-09	-4.93E-09	-4.97E-09	-5.03E-09	-5.07E-09	-5.10E-09	-3.03E-09	-3.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**	**-5.70E-09**	**-5.70E-09**	**-5.80E-09**	**-3.40E-09**	**-2.90E-09**

Licensee Comments:

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

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 (ΔCDF)	-4.57E-08	-4.55E-08	-4.57E-08	-4.58E-08	-4.58E-08	-4.56E-08	-4.56E-08	-6.21E-08
URI (ΔCDF)	7.94E-07	7.75E-07	-3.68E-07	-3.57E-07	-3.54E-07	-3.42E-07	-3.34E-07	-3.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.50E-07**	**7.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.00E-07**	**-3.90E-07**	**-3.80E-07**	**-4.00E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

1Q/13: Risk Cap Invoked.

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 (ΔCDF)	-1.20E-08	-1.17E-08	-1.20E-08	-1.29E-08	-1.30E-08	-1.36E-08	-1.36E-08	-9.16E-09
URI (ΔCDF)	1.39E-07	1.37E-07	1.40E-07	1.40E-07	1.41E-07	1.41E-07	1.42E-07	1.41E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**

Licensee Comments:

4Q/13: 1RHE2 Demands corrected to match Bases Document.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	7.39E-08	7.58E-08	7.38E-08	7.37E-08	7.36E-08	7.44E-08	7.43E-08	7.53E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	-4.98E-08	-4.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**2.40E-08**	**2.60E-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	0.000216	0.000213	0.000242	0.000251	0.000052	0.000062	0.000088	0.000071	0.000073	0.000136	0.000129	0.000152
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**
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	0.000114	0.000090	0.000086	0.000153	0.000160	0.000090	0.000165	0.000174	0.000163	0.000298	0.000058	0.000059
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**

Licensee Comments: none

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	0.148	0.170	0.198	0.225	0	0	0	0	0	0	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**	**1.7**	**2.0**	**2.3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	31.0	19.0	48.0	29.0	41.0	34.0	58.0	27.0
Total opportunities	33.0	19.0	50.0	30.0	42.0	35.0	59.0	27.0
Indicator value	**96.0%**	**96.1%**	**96.5%**	**96.7%**	**96.8%**	**96.6%**	**96.7%**	**97.3%**

Licensee Comments:

3Q/13: As a result of a Focused Area Self Assessment the PI Data for this quarter corrected/reduced by 5 notification opportunities in Salem simulator due to not having sufficient supporting documentation for credit. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	122.0	118.0	117.0	116.0	117.0	111.0	116.0	120.0
Total Key personnel	122.0	118.0	119.0	118.0	120.0	112.0	116.0	120.0
Indicator value	**100.0%**	**100.0%**	**98.3%**	**98.3%**	**97.5%**	**99.1%**	**100.0%**	**100.0%**

Licensee Comments:

4Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

3Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	497	495	497	497	497	497	494	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**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/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	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	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**1**

Licensee Comments: none

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

Salem 1

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0	0	0	0	3.0	0	1.0	0
Critical hours	1281.6	2173.5	2209.0	2159.0	1989.7	2208.0	1422.1	2006.4
Indicator value	**1.8**	**1.8**	**0**	**0**	**2.5**	**2.5**	**3.6**	**3.7**

Licensee Comments:

4Q/14: LER 272/2014-006-00. A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

4Q/14: LER 272/2014-005-00

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	1.0	0	0	0	0	1.0	1.0
Critical hours	1281.6	2173.5	2209.0	2159.0	1989.7	2208.0	1422.1	2006.4
Indicator value	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0.9**	**1.8**

Licensee Comments:

4Q/14: Revised 11/2014 Unplanned power changes to include 11/27 emergent downpower.

4Q/14: A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

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

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	0	1	1
Indicator value	**0**	**0**	**0**	**1**	**1**	**1**	**2**	**2**

Licensee Comments:

1Q/15: LER 272/2015-001

4Q/14: 10/2014 SSFF PI Data revised to include the required LER Number (LER 272/2014-005-00)

1Q/14: LER 272/2014-001-00.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-1.40E-07	-1.41E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.66E-07
URI (ΔCDF)	-7.89E-07	-7.68E-07	-1.26E-06	-1.20E-06	-1.18E-06	-1.12E-06	-1.12E-06	-7.65E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.30E-07**	**-9.10E-07**	**-1.40E-06**	**-1.40E-06**	**-1.30E-06**	**-1.30E-06**	**-1.30E-06**	**-9.30E-07**

Licensee Comments:

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

3Q/13: Risk Cap Invoked.

3Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked.

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/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-6.70E-10	-6.47E-10	-6.25E-10	-6.79E-10	-6.71E-10	-4.21E-10	1.88E-10	-2.96E-10
URI (ΔCDF)	-4.92E-09	-4.96E-09	-5.01E-09	-5.05E-09	-5.09E-09	-2.98E-09	-3.03E-09	-1.32E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-09**	**-5.60E-09**	**-5.60E-09**	**-5.70E-09**	**-5.80E-09**	**-3.40E-09**	**-2.80E-09**	**-1.60E-09**

Licensee Comments:

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

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 (ΔCDF)	-4.55E-08	-4.57E-08	-4.58E-08	-4.58E-08	-4.56E-08	-4.56E-08	-6.21E-08	-1.72E-08
URI (ΔCDF)	7.75E-07	-3.65E-07	-3.54E-07	-3.50E-07	-3.38E-07	-3.26E-07	-3.30E-07	-9.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.00E-07**	**-3.80E-07**	**-3.70E-07**	**-3.90E-07**	**-1.10E-07**

Licensee Comments:

2Q/13: Risk Cap Invoked.

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/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-1.17E-08	-1.20E-08	-1.29E-08	-1.30E-08	-1.36E-08	-1.36E-08	-9.16E-09	-1.06E-10
URI (ΔCDF)	1.37E-07	1.40E-07	1.40E-07	1.41E-07	1.42E-07	1.43E-07	1.42E-07	-1.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**-2.00E-08**

Licensee Comments:

4Q/13: 1RHE2 Demands corrected to match Bases Document.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	7.58E-08	7.38E-08	7.37E-08	7.36E-08	7.44E-08	7.43E-08	7.53E-08	2.98E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	-4.98E-08	-4.96E-08	-3.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**2.40E-08**	**2.60E-08**	**-6.80E-09**

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	0.000251	0.000052	0.000062	0.000088	0.000071	0.000073	0.000136	0.000129	0.000152	0.000114	0.000090	0.000086
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**

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	0.000153	0.000160	0.000090	0.000165	0.000174	0.000163	0.000298	N/A	0.000059	0.000072	0.000065	0.000062
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**	**N/A**	**0**	**0**	**0**	**0**

Licensee Comments:

12/14: Revised 11/2014 RCS activity Pi to N/A. Required Steady State conditions did not occur during the month.

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	0.225	0	0	0	0	0	0	0	0	0	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	**2.3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0	0	0	0	0.056	0.058	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.6**	**0.6**	**0.5**

Licensee Comments: none

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	19.0	48.0	29.0	41.0	34.0	58.0	27.0	34.0
Total opportunities	19.0	50.0	30.0	42.0	35.0	59.0	27.0	36.0
Indicator value	**96.1%**	**96.5%**	**96.7%**	**96.8%**	**96.6%**	**96.7%**	**97.3%**	**97.3%**

Licensee Comments:

3Q/13: As a result of a Focused Area Self Assessment the PI Data for this quarter corrected/reduced by 5 notification opportunities in Salem simulator due to not having sufficient supporting documentation for credit. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	118.0	117.0	116.0	117.0	111.0	116.0	120.0	116.0
Total Key personnel	118.0	119.0	118.0	120.0	112.0	116.0	120.0	116.0
Indicator value	**100.0%**	**98.3%**	**98.3%**	**97.5%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

4Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

3Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	495	497	497	497	497	494	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

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	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	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**1**

Licensee Comments: none

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

Salem 1

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0	0	3.0	0	1.0	0	0
Critical hours	2173.5	2209.0	2159.0	1989.7	2208.0	1422.1	2006.4	2184.0
Indicator value	**1.8**	**0**	**0**	**2.5**	**2.5**	**3.6**	**3.7**	**0.9**

Licensee Comments:

4Q/14: LER 272/2014-006-00. A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

4Q/14: LER 272/2014-005-00

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	1.0	0	0	0	0	1.0	1.0	0
Critical hours	2173.5	2209.0	2159.0	1989.7	2208.0	1422.1	2006.4	2184.0
Indicator value	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0.9**	**1.8**	**1.8**

Licensee Comments:

4Q/14: Revised 11/2014 Unplanned power changes to include 11/27 emergent downpower.

4Q/14: A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

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

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	0	1	1	0
Indicator value	**0**	**0**	**1**	**1**	**1**	**2**	**2**	**2**

Licensee Comments:

1Q/15: LER 272/2015-001

4Q/14: 10/2014 SSFF PI Data revised to include the required LER Number (LER 272/2014-005-00)

1Q/14: LER 272/2014-001-00.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-1.41E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.66E-07	-1.66E-07
URI (ΔCDF)	-7.68E-07	-1.26E-06	-1.20E-06	-1.18E-06	-1.12E-06	-1.12E-06	-7.65E-07	-7.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.10E-07**	**-1.40E-06**	**-1.40E-06**	**-1.30E-06**	**-1.30E-06**	**-1.30E-06**	**-9.30E-07**	**-9.30E-07**

Licensee Comments:

2Q/15: 2Q12 Through 4Q14 data was revised due to an error in the demand and run time calculations. Following the changes, this PI remained green during all time periods, however the risk cap was invoked from 2Q12 through 3Q13.

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

3Q/13: Risk Cap Invoked.

3Q/13: Risk Cap Invoked.

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 (ΔCDF)	-6.47E-10	-6.25E-10	-6.79E-10	-6.71E-10	-4.21E-10	1.88E-10	-2.96E-10	-3.00E-10
URI (ΔCDF)	-4.96E-09	-5.01E-09	-5.05E-09	-5.09E-09	-2.98E-09	-3.03E-09	-1.32E-09	-1.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-09**	**-5.60E-09**	**-5.70E-09**	**-5.80E-09**	**-3.40E-09**	**-2.80E-09**	**-1.60E-09**	**-1.60E-09**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

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)	-4.57E-08	-4.58E-08	-4.58E-08	-4.56E-08	-4.56E-08	-6.21E-08	-1.72E-08	-1.72E-08
URI (ΔCDF)	-3.65E-07	-3.54E-07	-3.50E-07	-3.38E-07	-3.26E-07	-3.30E-07	-9.59E-08	-9.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.10E-07**	**-4.00E-07**	**-4.00E-07**	**-3.80E-07**	**-3.70E-07**	**-3.90E-07**	**-1.10E-07**	**-1.10E-07**

Licensee Comments:

2Q/15: 3Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	-1.20E-08	-1.29E-08	-1.30E-08	-1.36E-08	-1.36E-08	-9.16E-09	-1.06E-10	9.12E-09
URI (ΔCDF)	1.40E-07	1.40E-07	1.41E-07	1.42E-07	1.43E-07	1.42E-07	-1.95E-08	-1.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**-2.00E-08**	**-8.80E-09**

Licensee Comments:

2Q/15: 2Q14 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

4Q/13: 1RHE2 Demands corrected to match Bases Document.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	7.38E-08	7.37E-08	7.36E-08	7.44E-08	7.43E-08	7.53E-08	2.98E-08	-2.82E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	3.19E-08	-4.98E-08	-4.96E-08	-3.66E-08	-3.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**1.10E-07**	**1.10E-07**	**2.40E-08**	**2.60E-08**	**-6.80E-09**	**-6.50E-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	0.000088	0.000071	0.000073	0.000136	0.000129	0.000152	0.000114	0.000090	0.000086	0.000153	0.000160	0.000090
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**

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	0.000165	0.000174	0.000163	0.000298	N/A	0.000059	0.000072	0.000065	0.000062	0.000069	0.000135	0.000074
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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/15: Revised 11/2014 RCS activity PI to N/A. Required Steady State conditions did not occur during the month. There was no impact on PI color as a result of this change.

12/14: Revised 11/2014 RCS activity Pi to N/A. Required Steady State conditions did not occur during the month.

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	0	0	0.056	0.058	0.050	0.062	0.057	0.068
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**	**0**	**0.6**	**0.6**	**0.5**	**0.6**	**0.6**	**0.7**

Licensee Comments: none

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	48.0	29.0	41.0	34.0	58.0	27.0	34.0	29.0
Total opportunities	50.0	30.0	42.0	35.0	59.0	27.0	36.0	30.0
Indicator value	**96.5%**	**96.7%**	**96.8%**	**96.6%**	**96.7%**	**97.3%**	**97.3%**	**97.1%**

Licensee Comments:

3Q/13: As a result of a Focused Area Self Assessment the PI Data for this quarter corrected/reduced by 5 notification opportunities in Salem simulator due to not having sufficient supporting documentation for credit. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	117.0	116.0	117.0	111.0	116.0	120.0	116.0	119.0
Total Key personnel	119.0	118.0	120.0	112.0	116.0	120.0	116.0	119.0
Indicator value	**98.3%**	**98.3%**	**97.5%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

4Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

3Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	497	497	497	497	494	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.9%**	**99.9%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

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	1	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	**1**	**0**	**0**	**0**	**0**	**1**	**1**	**2**

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

Salem 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0	0	3.0	0	1.0	0	0	0
Critical hours	2209.0	2159.0	1989.7	2208.0	1422.1	2006.4	2184.0	2208.0
Indicator value	**0**	**0**	**2.5**	**2.5**	**3.6**	**3.7**	**0.9**	**0.9**

Licensee Comments:

4Q/14: LER 272/2014-006-00. A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

4Q/14: LER 272/2014-005-00

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	0	0	1.0	1.0	0	0
Critical hours	2209.0	2159.0	1989.7	2208.0	1422.1	2006.4	2184.0	2208.0
Indicator value	**0.9**	**0.9**	**0.8**	**0**	**0.9**	**1.8**	**1.8**	**1.8**

Licensee Comments:

3Q/15: On 9/4/15, NRC issued Emergency License Amendment Request (LAR) No. 310, which removed the pressurizer power operated relief valve position indication from the accident monitoring instrumentation tech specs. Issuance of this emergency LAR eliminated the need to perform a tech spec required shutdown due to a PART 21 issue associated with position indication limit switches.

4Q/14: Revised 11/2014 Unplanned power changes to include 11/27 emergent downpower.

4Q/14: A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

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

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	0	1	0	0	0
Indicator value	**0**	**1**	**1**	**1**	**2**	**1**	**1**	**1**

Licensee Comments:

3Q/15: LER 272/2015-001-002 - Evaluation determined that a SSFF did not occur, therefore PSEG is removing the 10 CFR 50.73(a)(2)(v)(C) reporting criterion from the LER, and has removed the 1Q15 SSFF from the MS05 Performance Indicator. This change does not cause a change in PI color, which remains green.

1Q/15: LER 272/2015-001

4Q/14: 10/2014 SSFF PI Data revised to include the required LER Number (LER 272/2014-005-00)

1Q/14: LER 272/2014-001-00.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.66E-07	-1.66E-07	-1.42E-07
URI (ΔCDF)	-1.26E-06	-1.20E-06	-1.18E-06	-1.12E-06	-1.12E-06	-7.65E-07	-7.60E-07	-2.65E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-06**	**-1.40E-06**	**-1.30E-06**	**-1.30E-06**	**-1.30E-06**	**-9.30E-07**	**-9.30E-07**	**-4.10E-07**

Licensee Comments:

3Q/15: Risk Cap Invoked.

2Q/15: 2Q12 Through 4Q14 data was revised due to an error in the demand and run time calculations. Following the changes, this PI remained green during all time periods, however the risk cap was invoked from 2Q12 through 3Q13.

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

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 (ΔCDF)	-6.25E-10	-6.79E-10	-6.71E-10	-4.21E-10	1.88E-10	-2.96E-10	-3.00E-10	-4.19E-10
URI (ΔCDF)	-5.01E-09	-5.05E-09	-5.09E-09	-2.98E-09	-3.03E-09	-1.32E-09	-1.30E-09	-1.29E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-09**	**-5.70E-09**	**-5.80E-09**	**-3.40E-09**	**-2.80E-09**	**-1.60E-09**	**-1.60E-09**	**-1.70E-09**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

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 (ΔCDF)	-4.58E-08	-4.58E-08	-4.56E-08	-4.56E-08	-6.21E-08	-1.72E-08	-1.72E-08	-1.72E-08
URI (ΔCDF)	-3.54E-07	-3.50E-07	-3.38E-07	-3.26E-07	-3.30E-07	-9.59E-08	-9.15E-08	-8.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-07**	**-4.00E-07**	**-3.80E-07**	**-3.70E-07**	**-3.90E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**

Licensee Comments:

2Q/15: 3Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	-1.29E-08	-1.30E-08	-1.36E-08	-1.36E-08	-9.16E-09	-1.06E-10	9.12E-09	9.12E-09
URI (ΔCDF)	1.40E-07	1.41E-07	1.42E-07	1.43E-07	1.42E-07	-1.95E-08	-1.79E-08	-1.76E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**-2.00E-08**	**-8.80E-09**	**-8.40E-09**

Licensee Comments:

2Q/15: 2Q14 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

4Q/13: 1RHE2 Demands corrected to match Bases Document.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	7.37E-08	7.36E-08	7.44E-08	7.43E-08	7.53E-08	2.98E-08	-2.82E-08	-2.81E-08
URI (ΔCDF)	3.19E-08	3.19E-08	3.19E-08	-4.98E-08	-4.96E-08	-3.66E-08	-3.66E-08	-3.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**1.10E-07**	**2.40E-08**	**2.60E-08**	**-6.80E-09**	**-6.50E-08**	**-6.50E-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	0.000136	0.000129	0.000152	0.000114	0.000090	0.000086	0.000153	0.000160	0.000090	0.000165	0.000174	0.000163
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**

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	0.000298	N/A	0.000059	0.000072	0.000065	0.000062	0.000069	0.000135	0.000074	0.000216	0.000077	0.000084
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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/15: Revised 11/2014 RCS activity PI to N/A. Required Steady State conditions did not occur during the month. There was no impact on PI color as a result of this change.

12/14: Revised 11/2014 RCS activity Pi to N/A. Required Steady State conditions did not occur during the month.

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	0	0.056	0.058	0.050	0.062	0.057	0.068	0.050	0.057	0.055
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**	**0.6**	**0.6**	**0.5**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**

Licensee Comments: none

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	41.0	34.0	58.0	27.0	34.0	29.0	41.0
Total opportunities	30.0	42.0	35.0	59.0	27.0	36.0	30.0	41.0
Indicator value	**96.7%**	**96.8%**	**96.6%**	**96.7%**	**97.3%**	**97.3%**	**97.1%**	**97.7%**

Licensee Comments: none

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	116.0	117.0	111.0	116.0	120.0	116.0	119.0	125.0
Total Key personnel	118.0	120.0	112.0	116.0	120.0	116.0	119.0	125.0
Indicator value	**98.3%**	**97.5%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

4Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

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	497	497	497	494	497	497	497	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**

Licensee Comments: none

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	1	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**	**1**	**1**	**2**	**2**

Licensee Comments: none

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

Salem 1

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	3.0	0	1.0	0	0	0	0
Critical hours	2159.0	1989.7	2208.0	1422.1	2006.4	2184.0	2208.0	2209.0
Indicator value	**0**	**2.5**	**2.5**	**3.6**	**3.7**	**0.9**	**0.9**	**0**

Licensee Comments:

4Q/14: LER 272/2014-006-00. A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

4Q/14: LER 272/2014-005-00

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	0	0	1.0	1.0	0	0	0
Critical hours	2159.0	1989.7	2208.0	1422.1	2006.4	2184.0	2208.0	2209.0
Indicator value	**0.9**	**0.8**	**0**	**0.9**	**1.8**	**1.8**	**1.8**	**0.8**

Licensee Comments:

3Q/15: On 9/4/15, NRC issued Emergency License Amendment Request (LAR) No. 310, which removed the pressurizer power operated relief valve position indication from the accident monitoring instrumentation tech specs. Issuance of this emergency LAR eliminated the need to perform a tech spec required shutdown due to a PART 21 issue associated with position indication limit switches.

4Q/14: Revised 11/2014 Unplanned power changes to include 11/27 emergent downpower.

4Q/14: A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

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

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	0	1	0	0	0	0
Indicator value	**1**	**1**	**1**	**2**	**1**	**1**	**1**	**0**

Licensee Comments:

3Q/15: LER 272/2015-001-002 - Evaluation determined that a SSFF did not occur, therefore PSEG is removing the 10 CFR 50.73(a)(2)(v)(C) reporting criterion from the LER, and has removed the 1Q15 SSFF from the MS05 Performance Indicator. This change does not cause a change in PI color, which remains green.

1Q/15: LER 272/2015-001

4Q/14: 10/2014 SSFF PI Data revised to include the required LER Number (LER 272/2014-005-00)

1Q/14: LER 272/2014-001-00.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.66E-07	-1.66E-07	-1.42E-07	-1.42E-07
URI (ΔCDF)	-1.20E-06	-1.18E-06	-1.12E-06	-1.12E-06	-7.65E-07	-7.60E-07	-2.65E-07	-2.63E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-06**	**-1.30E-06**	**-1.30E-06**	**-1.30E-06**	**-9.30E-07**	**-9.30E-07**	**-4.10E-07**	**-4.00E-07**

Licensee Comments:

4Q/15: Risk Cap Invoked.

3Q/15: Risk Cap Invoked.

2Q/15: 2Q12 Through 4Q14 data was revised due to an error in the demand and run time calculations. Following the changes, this PI remained green during all time periods, however the risk cap was invoked from 2Q12 through 3Q13.

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

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 (ΔCDF)	-6.79E-10	-6.71E-10	-4.21E-10	1.88E-10	-2.96E-10	-3.00E-10	-4.19E-10	-4.20E-10
URI (ΔCDF)	-5.05E-09	-5.09E-09	-2.98E-09	-3.03E-09	-1.32E-09	-1.30E-09	-1.29E-09	-1.28E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-09**	**-5.80E-09**	**-3.40E-09**	**-2.80E-09**	**-1.60E-09**	**-1.60E-09**	**-1.70E-09**	**-1.70E-09**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

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)	-4.58E-08	-4.56E-08	-4.56E-08	-6.21E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08
URI (ΔCDF)	-3.50E-07	-3.38E-07	-3.26E-07	-3.30E-07	-9.59E-08	-9.15E-08	-8.85E-08	-8.18E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-07**	**-3.80E-07**	**-3.70E-07**	**-3.90E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-9.90E-08**

Licensee Comments:

2Q/15: 3Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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)	-1.30E-08	-1.36E-08	-1.36E-08	-9.16E-09	-1.06E-10	9.12E-09	9.12E-09	1.03E-08
URI (ΔCDF)	1.41E-07	1.42E-07	1.43E-07	1.42E-07	-1.95E-08	-1.79E-08	-1.76E-08	-1.76E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**-2.00E-08**	**-8.80E-09**	**-8.40E-09**	**-7.30E-09**

Licensee Comments:

2Q/15: 2Q14 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	7.36E-08	7.44E-08	7.43E-08	7.53E-08	2.98E-08	-2.82E-08	-2.81E-08	-2.81E-08
URI (ΔCDF)	3.19E-08	3.19E-08	-4.98E-08	-4.96E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**2.40E-08**	**2.60E-08**	**-6.80E-09**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**

Licensee Comments: none

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	0.000114	0.000090	0.000086	0.000153	0.000160	0.000090	0.000165	0.000174	0.000163	0.000298	N/A	0.000059
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**	**N/A**	**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	0.000072	0.000065	0.000062	0.000069	0.000135	0.000074	0.000216	0.000077	0.000084	0.000101	0.000148	0.000102
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**

Licensee Comments:

6/15: Revised 11/2014 RCS activity PI to N/A. Required Steady State conditions did not occur during the month. There was no impact on PI color as a result of this change.

12/14: Revised 11/2014 RCS activity Pi to N/A. Required Steady State conditions did not occur during the month.

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	0	0	0	0	0	0	0	0	0	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.056	0.058	0.050	0.062	0.057	0.068	0.050	0.057	0.055	0.058	0.071	0.052
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**	**0.6**	**0.5**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**

Licensee Comments: none

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	41.0	34.0	58.0	27.0	34.0	29.0	41.0	31.0
Total opportunities	42.0	35.0	59.0	27.0	36.0	30.0	41.0	32.0
Indicator value	**96.8%**	**96.6%**	**96.7%**	**97.3%**	**97.3%**	**97.1%**	**97.7%**	**97.7%**

Licensee Comments: none

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	117.0	111.0	116.0	120.0	116.0	119.0	125.0	119.0
Total Key personnel	120.0	112.0	116.0	120.0	116.0	119.0	125.0	120.0
Indicator value	**97.5%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**

Licensee Comments: none

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	497	497	494	497	497	497	496	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**

Licensee Comments: none

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	1	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**	**1**	**1**	**2**	**2**	**1**

Licensee Comments: none

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

Salem 1

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	3.0	0	1.0	0	0	0	0	0
Critical hours	1989.7	2208.0	1422.1	2006.4	2184.0	2208.0	2209.0	2183.0
Indicator value	**2.5**	**2.5**	**3.6**	**3.7**	**0.9**	**0.9**	**0**	**0**

Licensee Comments:

4Q/14: LER 272/2014-006-00. A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

4Q/14: LER 272/2014-005-00

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	0	0	1.0	1.0	0	0	0	0
Critical hours	1989.7	2208.0	1422.1	2006.4	2184.0	2208.0	2209.0	2183.0
Indicator value	**0.8**	**0**	**0.9**	**1.8**	**1.8**	**1.8**	**0.8**	**0**

Licensee Comments:

3Q/15: On 9/4/15, NRC issued Emergency License Amendment Request (LAR) No. 310, which removed the pressurizer power operated relief valve position indication from the accident monitoring instrumentation tech specs. Issuance of this emergency LAR eliminated the need to perform a tech spec required shutdown due to a PART 21 issue associated with position indication limit switches.

4Q/14: Revised 11/2014 Unplanned power changes to include 11/27 emergent downpower.

4Q/14: A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

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

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	0	1	0	0	0	0	0
Indicator value	**1**	**1**	**2**	**1**	**1**	**1**	**0**	**0**

Licensee Comments:

3Q/15: LER 272/2015-001-002 - Evaluation determined that a SSFF did not occur, therefore PSEG is removing the 10 CFR 50.73(a)(2)(v)(C) reporting criterion from the LER, and has removed the 1Q15 SSFF from the MS05 Performance Indicator. This change does not cause a change in PI color, which remains green.

1Q/15: LER 272/2015-001

4Q/14: 10/2014 SSFF PI Data revised to include the required LER Number (LER 272/2014-005-00)

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/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-1.62E-07	-1.62E-07	-1.62E-07	-1.66E-07	-1.66E-07	-1.42E-07	-1.42E-07	-1.42E-07
URI (ΔCDF)	-1.18E-06	-1.12E-06	-1.12E-06	-7.65E-07	-7.60E-07	-2.65E-07	-2.63E-07	-2.76E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-06**	**-1.30E-06**	**-1.30E-06**	**-9.30E-07**	**-9.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.20E-07**

Licensee Comments:

1Q/16: Risk Cap Invoked.

4Q/15: Risk Cap Invoked.

3Q/15: Risk Cap Invoked.

2Q/15: 2Q12 Through 4Q14 data was revised due to an error in the demand and run time calculations. Following the changes, this PI remained green during all time periods, however the risk cap was invoked from 2Q12 through 3Q13.

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

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)	-6.71E-10	-4.21E-10	1.88E-10	-2.96E-10	-3.00E-10	-4.19E-10	-4.20E-10	-4.30E-10
URI (ΔCDF)	-5.09E-09	-2.98E-09	-3.03E-09	-1.32E-09	-1.30E-09	-1.29E-09	-1.28E-09	-1.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-09**	**-3.40E-09**	**-2.80E-09**	**-1.60E-09**	**-1.60E-09**	**-1.70E-09**	**-1.70E-09**	**-1.70E-09**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

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)	-4.56E-08	-4.56E-08	-6.21E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08
URI (ΔCDF)	-3.38E-07	-3.26E-07	-3.30E-07	-9.59E-08	-9.15E-08	-8.85E-08	-8.18E-08	-8.18E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.80E-07**	**-3.70E-07**	**-3.90E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-9.90E-08**	**-9.90E-08**

Licensee Comments:

2Q/15: 3Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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)	-1.36E-08	-1.36E-08	-9.16E-09	-1.06E-10	9.12E-09	9.12E-09	1.03E-08	1.02E-08
URI (ΔCDF)	1.42E-07	1.43E-07	1.42E-07	-1.95E-08	-1.79E-08	-1.76E-08	-1.76E-08	-1.76E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**-2.00E-08**	**-8.80E-09**	**-8.40E-09**	**-7.30E-09**	**-7.30E-09**

Licensee Comments:

2Q/15: 2Q14 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	7.44E-08	7.43E-08	7.53E-08	2.98E-08	-2.82E-08	-2.81E-08	-2.81E-08	-2.81E-08
URI (ΔCDF)	3.19E-08	-4.98E-08	-4.96E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**2.40E-08**	**2.60E-08**	**-6.80E-09**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**

Licensee Comments: none

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	0.000153	0.000160	0.000090	0.000165	0.000174	0.000163	0.000298	N/A	0.000059	0.000072	0.000065	0.000062
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**	**N/A**	**0**	**0**	**0**	**0**

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	0.000069	0.000135	0.000074	0.000216	0.000077	0.000084	0.000101	0.000148	0.000102	0.000187	0.000142	0.000097
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**

Licensee Comments:

6/15: Revised 11/2014 RCS activity PI to N/A. Required Steady State conditions did not occur during the month. There was no impact on PI color as a result of this change.

12/14: Revised 11/2014 RCS activity Pi to N/A. Required Steady State conditions did not occur during the month.

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	0	0	0	0	0	0	0	0	0	0.056	0.058	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.6**	**0.6**	**0.5**

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	0.062	0.057	0.068	0.050	0.057	0.055	0.058	0.071	0.052	0.058	0.055	0.090
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**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.9**

Licensee Comments: none

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	34.0	58.0	27.0	34.0	29.0	41.0	31.0	38.0
Total opportunities	35.0	59.0	27.0	36.0	30.0	41.0	32.0	39.0
Indicator value	**96.6%**	**96.7%**	**97.3%**	**97.3%**	**97.1%**	**97.7%**	**97.7%**	**97.7%**

Licensee Comments: none

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	111.0	116.0	120.0	116.0	119.0	125.0	119.0	119.0
Total Key personnel	112.0	116.0	120.0	116.0	119.0	125.0	120.0	120.0
Indicator value	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**99.2%**

Licensee Comments: none

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	497	494	497	497	497	496	496	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

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	1	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**	**1**	**1**	**2**	**2**	**1**	**1**

Licensee Comments: none

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

Salem 1

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0	0	0	0	0	0
Critical hours	2208.0	1422.1	2006.4	2184.0	2208.0	2209.0	2183.0	332.0
Indicator value	**2.5**	**3.6**	**3.7**	**0.9**	**0.9**	**0**	**0**	**0**

Licensee Comments:

4Q/14: LER 272/2014-006-00. A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

4Q/14: LER 272/2014-005-00

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	1.0	1.0	0	0	0	0	0
Critical hours	2208.0	1422.1	2006.4	2184.0	2208.0	2209.0	2183.0	332.0
Indicator value	**0**	**0.9**	**1.8**	**1.8**	**1.8**	**0.8**	**0**	**0**

Licensee Comments:

3Q/15: On 9/4/15, NRC issued Emergency License Amendment Request (LAR) No. 310, which removed the pressurizer power operated relief valve position indication from the accident monitoring instrumentation tech specs. Issuance of this emergency LAR eliminated the need to perform a tech spec required shutdown due to a PART 21 issue associated with position indication limit switches.

4Q/14: Revised 11/2014 Unplanned power changes to include 11/27 emergent downpower.

4Q/14: A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

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

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	0	1	0	0	0	0	0	0
Indicator value	**1**	**2**	**1**	**1**	**1**	**0**	**0**	**0**

Licensee Comments:

3Q/15: LER 272/2015-001-002 - Evaluation determined that a SSFF did not occur, therefore PSEG is removing the 10 CFR 50.73(a)(2)(v)(C) reporting criterion from the LER, and has removed the 1Q15 SSFF from the MS05 Performance Indicator. This change does not cause a change in PI color, which remains green.

1Q/15: LER 272/2015-001

4Q/14: 10/2014 SSFF PI Data revised to include the required LER Number (LER 272/2014-005-00)

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/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-1.62E-07	-1.62E-07	-1.66E-07	-1.66E-07	-1.42E-07	-1.42E-07	-1.42E-07	-1.41E-07
URI (ΔCDF)	-1.12E-06	-1.12E-06	-7.65E-07	-7.60E-07	-2.65E-07	-2.63E-07	-2.76E-07	-2.96E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-06**	**-1.30E-06**	**-9.30E-07**	**-9.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.20E-07**	**-4.40E-07**

Licensee Comments:

2Q/16: Risk Cap Invoked.

1Q/16: Risk Cap Invoked.

4Q/15: Risk Cap Invoked.

3Q/15: Risk Cap Invoked.

2Q/15: 2Q12 Through 4Q14 data was revised due to an error in the demand and run time calculations. Following the changes, this PI remained green during all time periods, however the risk cap was invoked from 2Q12 through 3Q13.

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

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 (ΔCDF)	-4.21E-10	1.88E-10	-2.96E-10	-3.00E-10	-4.19E-10	-4.20E-10	-4.30E-10	-4.14E-10
URI (ΔCDF)	-2.98E-09	-3.03E-09	-1.32E-09	-1.30E-09	-1.29E-09	-1.28E-09	-1.25E-09	-1.22E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.40E-09**	**-2.80E-09**	**-1.60E-09**	**-1.60E-09**	**-1.70E-09**	**-1.70E-09**	**-1.70E-09**	**-1.60E-09**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

3Q/14: Failure determination on 12 SJ Pump in progress. Upon completion of determination, ICES record will be updated to reflect MSPI failure.

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 (ΔCDF)	-4.56E-08	-6.21E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08
URI (ΔCDF)	-3.26E-07	-3.30E-07	-9.59E-08	-9.15E-08	-8.85E-08	-8.18E-08	-8.18E-08	-7.46E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-07**	**-3.90E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-9.90E-08**	**-9.90E-08**	**-9.20E-08**

Licensee Comments:

2Q/15: 3Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	-1.36E-08	-9.16E-09	-1.06E-10	9.12E-09	9.12E-09	1.03E-08	1.02E-08	1.39E-08
URI (ΔCDF)	1.43E-07	1.42E-07	-1.95E-08	-1.79E-08	-1.76E-08	-1.76E-08	-1.76E-08	-1.67E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**-2.00E-08**	**-8.80E-09**	**-8.40E-09**	**-7.30E-09**	**-7.30E-09**	**-2.80E-09**

Licensee Comments:

2Q/15: 2Q14 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	7.43E-08	7.53E-08	2.98E-08	-2.82E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08
URI (ΔCDF)	-4.98E-08	-4.96E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.40E-08**	**2.60E-08**	**-6.80E-09**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**

Licensee Comments: none

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	0.000165	0.000174	0.000163	0.000298	N/A	0.000059	0.000072	0.000065	0.000062	0.000069	0.000135	0.000074
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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000216	0.000077	0.000084	0.000101	0.000148	0.000102	0.000187	0.000142	0.000097	0.000183	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**

Licensee Comments:

6/15: Revised 11/2014 RCS activity PI to N/A. Required Steady State conditions did not occur during the month. There was no impact on PI color as a result of this change.

12/14: Revised 11/2014 RCS activity Pi to N/A. Required Steady State conditions did not occur during the month.

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	0	0	0	0	0	0.056	0.058	0.050	0.062	0.057	0.068
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**	**0**	**0.6**	**0.6**	**0.5**	**0.6**	**0.6**	**0.7**
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	0.050	0.057	0.055	0.058	0.071	0.052	0.058	0.055	0.090	0.051	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	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.9**	**0.5**	**0**	**0**

Licensee Comments: none

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	58.0	27.0	34.0	29.0	41.0	31.0	38.0	34.0
Total opportunities	59.0	27.0	36.0	30.0	41.0	32.0	39.0	36.0
Indicator value	**96.7%**	**97.3%**	**97.3%**	**97.1%**	**97.7%**	**97.7%**	**97.7%**	**97.3%**

Licensee Comments: none

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	116.0	120.0	116.0	119.0	125.0	119.0	119.0	118.0
Total Key personnel	116.0	120.0	116.0	119.0	125.0	120.0	120.0	118.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**99.2%**	**100.0%**

Licensee Comments: none

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	494	497	497	497	496	496	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

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	1	0	1	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**	**2**	**2**	**1**	**1**	**0**

Licensee Comments: none

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

Salem 1

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0	0	0	0	0	0	0
Critical hours	1422.1	2006.4	2184.0	2208.0	2209.0	2183.0	332.0	1531.6
Indicator value	**3.6**	**3.7**	**0.9**	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments:

4Q/14: LER 272/2014-006-00. A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

4Q/14: LER 272/2014-005-00

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	1.0	1.0	0	0	0	0	0	2.0
Critical hours	1422.1	2006.4	2184.0	2208.0	2209.0	2183.0	332.0	1531.6
Indicator value	**0.9**	**1.8**	**1.8**	**1.8**	**0.8**	**0**	**0**	**2.2**

Licensee Comments:

3Q/15: On 9/4/15, NRC issued Emergency License Amendment Request (LAR) No. 310, which removed the pressurizer power operated relief valve position indication from the accident monitoring instrumentation tech specs. Issuance of this emergency LAR eliminated the need to perform a tech spec required shutdown due to a PART 21 issue associated with position indication limit switches.

4Q/14: Revised 11/2014 Unplanned power changes to include 11/27 emergent downpower.

4Q/14: A root cause evaluation is in progress to evaluate the 10/19 Scram that occurred prior to 1R23 due to the MPT Phase B. This trip caused Unit 1 to enter NRC Increased Regulator Response Band (White) due to a PI value greater than 3.0. The root cause will be used to support the NRC 95-001 Degraded Initiating Events Cornerstone Inspection. The actions from the root cause evaluation will be used to minimize risk of exceeding this PI in the future. The Unit 1 RCE will apply to both Salem Units.

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

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	1	0	0	0	0	0	0	0
Indicator value	**2**	**1**	**1**	**1**	**0**	**0**	**0**	**0**

Licensee Comments:

3Q/15: LER 272/2015-001-002 - Evaluation determined that a SSFF did not occur, therefore PSEG is removing the 10 CFR 50.73(a)(2)(v)(C) reporting criterion from the LER, and has removed the 1Q15 SSFF from the MS05 Performance Indicator. This change does not cause a change in PI color, which remains green.

1Q/15: LER 272/2015-001

4Q/14: 10/2014 SSFF PI Data revised to include the required LER Number (LER 272/2014-005-00)

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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-1.62E-07	-1.66E-07	-1.66E-07	-1.42E-07	-1.42E-07	-1.42E-07	-1.41E-07	-1.40E-07
URI (ΔCDF)	-1.12E-06	-7.65E-07	-7.60E-07	-2.65E-07	-2.63E-07	-2.76E-07	-2.96E-07	-2.93E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-06**	**-9.30E-07**	**-9.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.20E-07**	**-4.40E-07**	**-4.30E-07**

Licensee Comments:

3Q/16: Risk Cap Invoked.

2Q/16: Risk Cap Invoked.

1Q/16: Risk Cap Invoked.

4Q/15: Risk Cap Invoked.

3Q/15: Risk Cap Invoked.

2Q/15: 2Q12 Through 4Q14 data was revised due to an error in the demand and run time calculations. Following the changes, this PI remained green during all time periods, however the risk cap was invoked from 2Q12 through 3Q13.

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

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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 (ΔCDF)	1.88E-10	-2.96E-10	-3.00E-10	-4.19E-10	-4.20E-10	-4.30E-10	-4.14E-10	-4.03E-10
URI (ΔCDF)	-3.03E-09	-1.32E-09	-1.30E-09	-1.29E-09	-1.28E-09	-1.25E-09	-1.22E-09	-1.19E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-09**	**-1.60E-09**	**-1.60E-09**	**-1.70E-09**	**-1.70E-09**	**-1.70E-09**	**-1.60E-09**	**-1.60E-09**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	-6.21E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08
URI (ΔCDF)	-3.30E-07	-9.59E-08	-9.15E-08	-8.85E-08	-8.18E-08	-8.18E-08	-7.46E-08	-8.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-07**	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-9.90E-08**	**-9.90E-08**	**-9.20E-08**	**-9.90E-08**

Licensee Comments:

2Q/15: 3Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-9.16E-09	-1.06E-10	9.12E-09	9.12E-09	1.03E-08	1.02E-08	1.39E-08	1.88E-08
URI (ΔCDF)	1.42E-07	-1.95E-08	-1.79E-08	-1.76E-08	-1.76E-08	-1.76E-08	-1.67E-08	-1.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**-2.00E-08**	**-8.80E-09**	**-8.40E-09**	**-7.30E-09**	**-7.30E-09**	**-2.80E-09**	**8.20E-10**

Licensee Comments:

2Q/15: 2Q14 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	7.53E-08	2.98E-08	-2.82E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08
URI (ΔCDF)	-4.96E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.60E-08**	**-6.80E-09**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**

Licensee Comments: none

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	0.000298	N/A	0.000059	0.000072	0.000065	0.000062	0.000069	0.000135	0.000074	0.000216	0.000077	0.000084
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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000101	0.000148	0.000102	0.000187	0.000142	0.000097	0.000183	N/A	N/A	N/A	0.000050	0.000100
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**	**N/A**	**N/A**	**N/A**	**0**	**0**

Licensee Comments:

6/15: Revised 11/2014 RCS activity PI to N/A. Required Steady State conditions did not occur during the month. There was no impact on PI color as a result of this change.

12/14: Revised 11/2014 RCS activity Pi to N/A. Required Steady State conditions did not occur during the month.

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	0	0	0.056	0.058	0.050	0.062	0.057	0.068	0.050	0.057	0.055
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**	**0.6**	**0.6**	**0.5**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**
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	0.058	0.071	0.052	0.058	0.055	0.090	0.051	0	0	0	0.088	0.085
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**	**0.7**	**0.5**	**0.6**	**0.6**	**0.9**	**0.5**	**0**	**0**	**0**	**0.9**	**0.9**

Licensee Comments: none

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	27.0	34.0	29.0	41.0	31.0	38.0	34.0	64.0
Total opportunities	27.0	36.0	30.0	41.0	32.0	39.0	36.0	64.0
Indicator value	**97.3%**	**97.3%**	**97.1%**	**97.7%**	**97.7%**	**97.7%**	**97.3%**	**97.7%**

Licensee Comments: none

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	120.0	116.0	119.0	125.0	119.0	119.0	118.0	126.0
Total Key personnel	120.0	116.0	119.0	125.0	120.0	120.0	118.0	126.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**99.2%**	**100.0%**	**100.0%**

Licensee Comments: none

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	497	497	497	496	496	497	497	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

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	1	0	1	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**	**2**	**2**	**1**	**1**	**0**	**0**

Licensee Comments: none

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

Salem 1

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0	0	0	0	0	0	0	0
Critical hours	2006.4	2184.0	2208.0	2209.0	2183.0	332.0	1531.6	2209.0
Indicator value	**3.7**	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	0	0	0	0	0	2.0	0
Critical hours	2006.4	2184.0	2208.0	2209.0	2183.0	332.0	1531.6	2209.0
Indicator value	**1.8**	**1.8**	**1.8**	**0.8**	**0**	**0**	**2.2**	**2.2**

Licensee Comments:

3Q/15: On 9/4/15, NRC issued Emergency License Amendment Request (LAR) No. 310, which removed the pressurizer power operated relief valve position indication from the accident monitoring instrumentation tech specs. Issuance of this emergency LAR eliminated the need to perform a tech spec required shutdown due to a PART 21 issue associated with position indication limit switches.

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

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	0	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

3Q/15: LER 272/2015-001-002 - Evaluation determined that a SSFF did not occur, therefore PSEG is removing the 10 CFR 50.73(a)(2)(v)(C) reporting criterion from the LER, and has removed the 1Q15 SSFF from the MS05 Performance Indicator. This change does not cause a change in PI color, which remains green.

1Q/15: LER 272/2015-001

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	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-1.66E-07	-1.66E-07	-1.42E-07	-1.42E-07	-1.42E-07	-1.41E-07	-1.40E-07	-1.40E-07
URI (ΔCDF)	-7.65E-07	-7.60E-07	-2.65E-07	-2.63E-07	-2.76E-07	-2.96E-07	-2.93E-07	-2.94E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.30E-07**	**-9.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.20E-07**	**-4.40E-07**	**-4.30E-07**	**-4.30E-07**

Licensee Comments:

4Q/16: Risk Cap Invoked.

3Q/16: Risk Cap Invoked.

2Q/16: Risk Cap Invoked.

1Q/16: Risk Cap Invoked.

4Q/15: Risk Cap Invoked.

3Q/15: Risk Cap Invoked.

2Q/15: 2Q12 Through 4Q14 data was revised due to an error in the demand and run time calculations. Following the changes, this PI remained green during all time periods, however the risk cap was invoked from 2Q12

through 3Q13.

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

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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 (ΔCDF)	-2.96E-10	-3.00E-10	-4.19E-10	-4.20E-10	-4.30E-10	-4.14E-10	-4.03E-10	-3.56E-10
URI (ΔCDF)	-1.32E-09	-1.30E-09	-1.29E-09	-1.28E-09	-1.25E-09	-1.22E-09	-1.19E-09	-1.14E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.60E-09**	**-1.60E-09**	**-1.70E-09**	**-1.70E-09**	**-1.70E-09**	**-1.60E-09**	**-1.60E-09**	**-1.50E-09**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08
URI (ΔCDF)	-9.59E-08	-9.15E-08	-8.85E-08	-8.18E-08	-8.18E-08	-7.46E-08	-8.19E-08	-8.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-1.10E-07**	**-1.10E-07**	**-9.90E-08**	**-9.90E-08**	**-9.20E-08**	**-9.90E-08**	**-9.90E-08**

Licensee Comments:

2Q/15: 3Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	-1.06E-10	9.12E-09	9.12E-09	1.03E-08	1.02E-08	1.39E-08	1.88E-08	2.11E-08
URI (ΔCDF)	-1.95E-08	-1.79E-08	-1.76E-08	-1.76E-08	-1.76E-08	-1.67E-08	-1.80E-08	-1.81E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-08**	**-8.80E-09**	**-8.40E-09**	**-7.30E-09**	**-7.30E-09**	**-2.80E-09**	**8.20E-10**	**3.00E-09**

Licensee Comments:

2Q/15: 2Q14 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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 (ΔCDF)	2.98E-08	-2.82E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.78E-08
URI (ΔCDF)	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.80E-09**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**

Licensee Comments: none

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	0.000072	0.000065	0.000062	0.000069	0.000135	0.000074	0.000216	0.000077	0.000084	0.000101	0.000148	0.000102
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**

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	0.000187	0.000142	0.000097	0.000183	N/A	N/A	N/A	0.000050	0.000100	0.000046	0.000048	0.000049
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**	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/15: Revised 11/2014 RCS activity PI to N/A. Required Steady State conditions did not occur during the month. There was no impact on PI color as a result of this change.

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	0.056	0.058	0.050	0.062	0.057	0.068	0.050	0.057	0.055	0.058	0.071	0.052
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**	**0.6**	**0.5**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**

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	0.058	0.055	0.090	0.051	0	0	0	0.088	0.085	0.088	0.144	0.087
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**	**0.6**	**0.9**	**0.5**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**1.4**	**0.9**

Licensee Comments: none

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	34.0	29.0	41.0	31.0	38.0	34.0	64.0	16.0
Total opportunities	36.0	30.0	41.0	32.0	39.0	36.0	64.0	17.0
Indicator value	**97.3%**	**97.1%**	**97.7%**	**97.7%**	**97.7%**	**97.3%**	**97.7%**	**97.3%**

Licensee Comments: none

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	116.0	119.0	125.0	119.0	119.0	118.0	126.0	129.0
Total Key personnel	116.0	119.0	125.0	120.0	120.0	118.0	126.0	130.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**99.2%**	**100.0%**	**100.0%**	**99.2%**

Licensee Comments: none

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	497	497	496	496	497	497	496	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

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	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	**1**	**2**	**2**	**1**	**1**	**0**	**0**	**0**

Licensee Comments: none

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

United States Nuclear Regulatory Commission
Protecting People and the Environment

Salem 1 – 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)
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- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM 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	2184.0	2208.0	2209.0	2183.0	332.0	1531.6	2209.0	2115.4
Indicator value	**0.9**	**0.9**	**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	2.0	0	0
Critical hours	2184.0	2208.0	2209.0	2183.0	332.0	1531.6	2209.0	2115.4
Indicator value	**1.8**	**1.8**	**0.8**	**0**	**0**	**2.2**	**2.2**	**2.3**

TOP

Licensee Comments:
3Q/15: On 9/4/15, NRC issued Emergency License Amendment Request (LAR) No. 310, which removed the pressurizer power operated relief valve position indication from the accident monitoring instrumentation tech specs. Issuance of this emergency LAR eliminated the need to perform a tech spec required shutdown due to a PART 21 issue associated with position indication limit switches.

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

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	0	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments:
3Q/15: LER 272/2015-001-002 - Evaluation determined that a SSFF did not occur, therefore PSEG is removing the 10 CFR 50.73(a)(2)(v)(C) reporting criterion from the LER, and has removed the 1Q15 SSFF from the MS05 Performance Indicator. This change does not cause a change in PI color, which remains green.

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)	-1.66E-07	-1.42E-07	-1.42E-07	-1.42E-07	-1.41E-07	-1.40E-07	-1.40E-07	-7.62E-08
URI (ΔCDF)	-7.60E-07	-2.65E-07	-2.63E-07	-2.76E-07	-2.96E-07	-2.93E-07	-2.94E-07	-1.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.30E-07**	**-4.10E-07**	**-4.00E-07**	**-4.20E-07**	**-4.40E-07**	**-4.30E-07**	**-4.30E-07**	**-2.20E-07**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).
4Q/16: Risk Cap Invoked.
3Q/16: Risk Cap Invoked.
2Q/16: Risk Cap Invoked.
1Q/16: Risk Cap Invoked.
4Q/15: Risk Cap Invoked.
3Q/15: Risk Cap Invoked.
2Q/15: 2Q12 Through 4Q14 data was revised due to an error in the demand and run time calculations. Following the changes, this PI remained green during all time periods, however the risk cap was invoked from 2Q12 through 3Q13.

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)	-3.00E-10	-4.19E-10	-4.20E-10	-4.30E-10	-4.14E-10	-4.03E-10	-3.56E-10	-7.76E-10
URI (ΔCDF)	-1.30E-09	-1.29E-09	-1.28E-09	-1.25E-09	-1.22E-09	-1.19E-09	-1.14E-09	-7.37E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.60E-09**	**-1.70E-09**	**-1.70E-09**	**-1.70E-09**	**-1.60E-09**	**-1.60E-09**	**-1.50E-09**	**-1.50E-09**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).
2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.40E-09
URI (ΔCDF)	-9.15E-08	-8.85E-08	-8.18E-08	-8.18E-08	-7.46E-08	-8.19E-08	-8.19E-08	-6.41E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-1.10E-07**	**-9.90E-08**	**-9.90E-08**	**-9.20E-08**	**-9.90E-08**	**-9.90E-08**	**-7.80E-09**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).
2Q/15: 3Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	9.12E-09	9.12E-09	1.03E-08	1.02E-08	1.39E-08	1.88E-08	2.11E-08	1.41E-08
URI (ΔCDF)	-1.79E-08	-1.76E-08	-1.76E-08	-1.76E-08	-1.67E-08	-1.80E-08	-1.81E-08	-1.27E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.80E-09**	**-8.40E-09**	**-7.30E-09**	**-7.30E-09**	**-2.80E-09**	**8.20E-10**	**3.00E-09**	**1.40E-09**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).
2Q/15: 2Q14 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes,

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)	-2.82E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.78E-08	6.15E-08
URI (ΔCDF)	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.67E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**2.50E-08**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).

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	0.000069	0.000135	0.000074	0.000216	0.000077	0.000084	0.000101	0.000148	0.000102	0.000187	0.000142	0.000097
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**

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	0.000183	N/A	N/A	N/A	0.000050	0.000100	0.000046	0.000048	0.000049	0.000054	0.000052	0.000055
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**	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments:
6/15: Revised 11/2014 RCS activity PI to N/A. Required Steady State conditions did not occur during the month. There was no impact on PI color as a result of this change.

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	0.062	0.057	0.068	0.050	0.057	0.055	0.058	0.071	0.052	0.058	0.055	0.090
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**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.9**

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	0.051	0	0	0	0.088	0.085	0.088	0.144	0.087	0.114	0.107	0.151
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**	**0**	**0.9**	**0.9**	**0.9**	**1.4**	**0.9**	**1.1**	**1.1**	**1.5**

TOP

Licensee Comments: none

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	29.0	41.0	31.0	38.0	34.0	64.0	16.0	42.0
Total opportunities	30.0	41.0	32.0	39.0	36.0	64.0	17.0	43.0
Indicator value	**97.1%**	**97.7%**	**97.7%**	**97.7%**	**97.3%**	**97.7%**	**97.3%**	**97.7%**

TOP

Licensee Comments: none

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	119.0	125.0	119.0	119.0	118.0	126.0	129.0	124.0
Total Key personnel	119.0	125.0	120.0	120.0	118.0	126.0	130.0	124.0
Indicator value	**100.0%**	**100.0%**	**99.2%**	**99.2%**	**100.0%**	**100.0%**	**99.2%**	**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	497	496	496	497	497	496	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

TOP

Licensee Comments: none

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	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	**2**	**2**	**1**	**1**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/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: May 5, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Salem 1 – 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)
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- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

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	2208.0	2209.0	2183.0	332.0	1531.6	2209.0	2115.4	2184.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

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	2.0	0	0	0
Critical hours	2208.0	2209.0	2183.0	332.0	1531.6	2209.0	2115.4	2184.0
Indicator value	**1.8**	**0.8**	**0**	**0**	**2.2**	**2.2**	**2.3**	**1.7**

TOP

Licensee Comments:
3Q/15: On 9/4/15, NRC issued Emergency License Amendment Request (LAR) No. 310, which removed the pressurizer power operated relief valve position indication from the accident monitoring instrumentation tech specs. Issuance of this emergency LAR eliminated the need to perform a tech spec required shutdown due to a PART 21 issue associated with position indication limit switches.

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

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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments:
3Q/15: LER 272/2015-001-002 - Evaluation determined that a SSFF did not occur, therefore PSEG is removing the 10 CFR 50.73(a)(2)(v)(C) reporting criterion from the LER, and has removed the 1Q15 SSFF from the MS05 Performance Indicator. This change does not cause a change in PI color, which remains green.

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)	-1.42E-07	-1.42E-07	-1.42E-07	-1.41E-07	-1.40E-07	-1.40E-07	-7.62E-08	-7.63E-08
URI (ΔCDF)	-2.65E-07	-2.63E-07	-2.76E-07	-2.96E-07	-2.93E-07	-2.94E-07	-1.45E-07	-1.44E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.10E-07**	**-4.00E-07**	**-4.20E-07**	**-4.40E-07**	**-4.30E-07**	**-4.30E-07**	**-2.20E-07**	**-2.20E-07**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).
4Q/16: Risk Cap Invoked.
3Q/16: Risk Cap Invoked.
2Q/16: Risk Cap Invoked.
1Q/16: Risk Cap Invoked.
4Q/15: Risk Cap Invoked.
3Q/15: Risk Cap Invoked.

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)	-4.19E-10	-4.20E-10	-4.30E-10	-4.14E-10	-4.03E-10	-3.56E-10	-7.76E-10	-7.80E-10
URI (ΔCDF)	-1.29E-09	-1.28E-09	-1.25E-09	-1.22E-09	-1.19E-09	-1.14E-09	-7.37E-10	-6.66E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-09**	**-1.70E-09**	**-1.70E-09**	**-1.60E-09**	**-1.60E-09**	**-1.50E-09**	**-1.50E-09**	**-1.40E-09**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).

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)	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.40E-09	-1.40E-09
URI (ΔCDF)	-8.85E-08	-8.18E-08	-8.18E-08	-7.46E-08	-8.19E-08	-8.19E-08	-6.41E-09	-6.23E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-9.90E-08**	**-9.90E-08**	**-9.20E-08**	**-9.90E-08**	**-9.90E-08**	**-7.80E-09**	**-7.60E-09**

TOP

Licensee Comments:
1Q/17: 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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	9.12E-09	1.03E-08	1.02E-08	1.39E-08	1.88E-08	2.11E-08	1.41E-08	1.26E-08
URI (ΔCDF)	-1.76E-08	-1.76E-08	-1.76E-08	-1.67E-08	-1.80E-08	-1.81E-08	-1.27E-08	-1.27E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.40E-09**	**-7.30E-09**	**-7.30E-09**	**-2.80E-09**	**8.20E-10**	**3.00E-09**	**1.40E-09**	**-9.60E-11**

TOP

Licensee Comments:
1Q/17: 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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.78E-08	6.15E-08	6.08E-08
URI (ΔCDF)	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.67E-08	-3.67E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**2.50E-08**	**2.40E-08**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).

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	0.000216	0.000077	0.000084	0.000101	0.000148	0.000102	0.000187	0.000142	0.000097	0.000183	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**

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	N/A	0.000050	0.000100	0.000046	0.000048	0.000049	0.000054	0.000052	0.000055	0.000059	0.000065	0.000061
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**

TOP

Licensee Comments: none

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	0.050	0.057	0.055	0.058	0.071	0.052	0.058	0.055	0.090	0.051	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	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**	**0.6**	**0.6**	**0.9**	**0.5**	**0**	**0**

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	0.088	0.085	0.088	0.144	0.087	0.114	0.107	0.151	0.129	0.127	0.131
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**	**0.9**	**0.9**	**0.9**	**1.4**	**0.9**	**1.1**	**1.1**	**1.5**	**1.3**	**1.3**	**1.3**

TOP

Licensee Comments: none

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	41.0	31.0	38.0	34.0	66.0	19.0	42.0	38.0
Total opportunities	41.0	32.0	39.0	36.0	66.0	20.0	43.0	40.0
Indicator value	**97.7%**	**97.7%**	**97.7%**	**97.3%**	**97.7%**	**97.3%**	**97.7%**	**97.5%**

TOP

Licensee Comments:
4Q/16: Reported opportunities differ from documented opportunities due to Licensed Operator Requalification Training Exam Security process. No failures related to the opportunities. No color change.
3Q/16: Reported opportunities differ from documented opportunities due to Licensed Operator Requalification Training Exam Security process. No failures related to the opportunities. No color change.

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	125.0	119.0	119.0	118.0	126.0	129.0	124.0	124.0
Total Key personnel	125.0	120.0	120.0	118.0	126.0	130.0	124.0	124.0
Indicator value	**100.0%**	**99.2%**	**99.2%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

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	496	496	497	497	496	497	497	495
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**

TOP

Licensee Comments: none

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	**2**	**1**	**1**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/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: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Salem 1 – 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/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

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	2209.0	2183.0	332.0	1531.6	2209.0	2115.4	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

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	2.0	0	0	0	0
Critical hours	2209.0	2183.0	332.0	1531.6	2209.0	2115.4	2184.0	2208.0
Indicator value	**0.8**	**0**	**0**	**2.2**	**2.2**	**2.3**	**1.7**	**0**

TOP

Licensee Comments: none

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	**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	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-1.42E-07	-1.42E-07	-1.41E-07	-1.40E-07	-1.40E-07	-7.62E-08	-7.63E-08	-7.63E-08
URI (ΔCDF)	-2.63E-07	-2.76E-07	-2.96E-07	-2.93E-07	-2.94E-07	-1.45E-07	-1.44E-07	-1.35E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-07**	**-4.20E-07**	**-4.40E-07**	**-4.30E-07**	**-4.30E-07**	**-2.20E-07**	**-2.20E-07**	**-2.10E-07**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).
4Q/16: Risk Cap Invoked.
3Q/16: Risk Cap Invoked.
2Q/16: Risk Cap Invoked.
1Q/16: Risk Cap Invoked.
4Q/15: Risk Cap Invoked.

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)	-4.20E-10	-4.30E-10	-4.14E-10	-4.03E-10	-3.56E-10	-7.76E-10	-7.80E-10	-8.71E-10
URI (ΔCDF)	-1.28E-09	-1.25E-09	-1.22E-09	-1.19E-09	-1.14E-09	-7.37E-10	-6.66E-10	-1.43E-09

PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-09**	**-1.70E-09**	**-1.60E-09**	**-1.60E-09**	**-1.50E-09**	**-1.50E-09**	**-1.40E-09**	**-2.30E-09**

TOP

Licensee Comments:
1Q/17: 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/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**	**1Q/17**	**2Q/17**	**3Q/17**
UAI (ΔCDF)	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.40E-09	-1.40E-09	-1.40E-09
URI (ΔCDF)	-8.18E-08	-8.18E-08	-7.46E-08	-8.19E-08	-8.19E-08	-6.41E-09	-6.23E-09	-6.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.90E-08**	**-9.90E-08**	**-9.20E-08**	**-9.90E-08**	**-9.90E-08**	**-7.80E-09**	**-7.60E-09**	**-7.80E-09**

TOP

Licensee Comments:
1Q/17: 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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	1.03E-08	1.02E-08	1.39E-08	1.88E-08	2.11E-08	1.41E-08	1.26E-08	1.54E-08
URI (ΔCDF)	-1.76E-08	-1.76E-08	-1.67E-08	-1.80E-08	-1.81E-08	-1.27E-08	-1.27E-08	-1.27E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.30E-09**	**-7.30E-09**	**-2.80E-09**	**8.20E-10**	**3.00E-09**	**1.40E-09**	**-9.60E-11**	**2.70E-09**

TOP

Licensee Comments:
1Q/17: 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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-2.81E-08	-2.81E-08	-2.81E-08	-2.81E-08	-2.78E-08	6.15E-08	6.08E-08	6.55E-08
URI (ΔCDF)	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.67E-08	-3.67E-08	-3.67E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**2.50E-08**	**2.40E-08**	**2.90E-08**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).

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	0.000101	0.000148	0.000102	0.000187	0.000142	0.000097	0.000183	N/A	N/A	N/A	0.000050	0.000100
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**	**N/A**	**N/A**	**N/A**	**0**	**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	0.000046	0.000048	0.000049	0.000054	0.000052	0.000055	0.000059	0.000065	0.000061	0.000063	0.000063	0.000064
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**

TOP

Licensee Comments: none

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	0.058	0.071	0.052	0.058	0.055	0.090	0.051	0	0	0	0.088	0.085
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**	**0.7**	**0.5**	**0.6**	**0.6**	**0.9**	**0.5**	**0**	**0**	**0**	**0.9**	**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	0.088	0.144	0.087	0.114	0.107	0.151	0.129	0.127	0.131	0.158	0.144	0.127
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**	**1.4**	**0.9**	**1.1**	**1.1**	**1.5**	**1.3**	**1.3**	**1.3**	**1.6**	**1.4**	**1.3**

TOP

Licensee Comments: none

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	31.0	38.0	34.0	66.0	19.0	42.0	38.0	45.0
Total opportunities	32.0	39.0	36.0	66.0	20.0	43.0	40.0	46.0
Indicator value	**97.7%**	**97.7%**	**97.3%**	**97.7%**	**97.3%**	**97.7%**	**97.5%**	**97.2%**

TOP

Licensee Comments:
4Q/16: Reported opportunities differ from documented opportunities due to Licensed Operator Requalification Training Exam Security process. No failures related to the opportunities. No color change.
3Q/16: Reported opportunities differ from documented opportunities due to Licensed Operator Requalification Training Exam Security process. No failures related to the opportunities. No color change.

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	119.0	119.0	118.0	126.0	129.0	124.0	124.0	125.0
Total Key personnel	120.0	120.0	118.0	126.0	130.0	124.0	124.0	125.0
Indicator value	**99.2%**	**99.2%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

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	496	497	497	496	497	497	495	495
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/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	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

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

Salem 1 – 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/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

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	0
Critical hours	2183.0	332.0	1531.6	2209.0	2115.4	2184.0	2208.0	1513.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

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	2.0	0	0	0	0	1.0
Critical hours	2183.0	332.0	1531.6	2209.0	2115.4	2184.0	2208.0	1513.5
Indicator value	**0**	**0**	**2.2**	**2.2**	**2.3**	**1.7**	**0**	**0.9**

TOP

Licensee Comments: none

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

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

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)	-1.42E-07	-1.41E-07	-1.40E-07	-1.40E-07	-7.62E-08	-7.63E-08	-7.63E-08	-7.64E-08
URI (ΔCDF)	-2.76E-07	-2.96E-07	-2.93E-07	-2.94E-07	-1.45E-07	-1.44E-07	-1.35E-07	-1.33E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-07**	**-4.40E-07**	**-4.30E-07**	**-4.30E-07**	**-2.20E-07**	**-2.20E-07**	**-2.10E-07**	**-2.10E-07**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).
4Q/16: Risk Cap Invoked.
3Q/16: Risk Cap Invoked.
2Q/16: Risk Cap Invoked.
1Q/16: Risk Cap Invoked.

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)	-4.30E-10	-4.14E-10	-4.03E-10	-3.56E-10	-7.76E-10	-7.80E-10	-8.71E-10	-1.01E-09
URI (ΔCDF)	-1.25E-09	-1.22E-09	-1.19E-09	-1.14E-09	-7.37E-10	-6.66E-10	-1.43E-09	-1.41E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO

Indicator value	**-1.70E-09**	**-1.60E-09**	**-1.60E-09**	**-1.50E-09**	**-1.50E-09**	**-1.40E-09**	**-2.30E-09**	**-2.40E-09**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).

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)	-1.72E-08	-1.72E-08	-1.72E-08	-1.72E-08	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09
URI (ΔCDF)	-8.18E-08	-7.46E-08	-8.19E-08	-8.19E-08	-6.41E-09	-6.23E-09	-6.36E-09	-6.82E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.90E-08**	**-9.20E-08**	**-9.90E-08**	**-9.90E-08**	**-7.80E-09**	**-7.60E-09**	**-7.80E-09**	**-8.20E-09**

TOP

Licensee Comments:
1Q/17: 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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	1.02E-08	1.39E-08	1.88E-08	2.11E-08	1.41E-08	1.26E-08	1.54E-08	8.72E-09
URI (ΔCDF)	-1.76E-08	-1.67E-08	-1.80E-08	-1.81E-08	-1.27E-08	-1.27E-08	-1.27E-08	-1.24E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.30E-09**	**-2.80E-09**	**8.20E-10**	**3.00E-09**	**1.40E-09**	**-9.60E-11**	**2.70E-09**	**-3.70E-09**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).

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)	-2.81E-08	-2.81E-08	-2.81E-08	-2.78E-08	6.15E-08	6.08E-08	6.55E-08	6.50E-08
URI (ΔCDF)	-3.66E-08	-3.66E-08	-3.66E-08	-3.66E-08	-3.67E-08	-3.67E-08	-3.67E-08	-3.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**2.50E-08**	**2.40E-08**	**2.90E-08**	**2.50E-08**

TOP

Licensee Comments:
1Q/17: Changed PRA Parameter(s).

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000187	0.000142	0.000097	0.000183	N/A	N/A	N/A	0.000050	0.000100	0.000046	0.000048	0.000049
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**	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	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 activity	0.000054	0.000052	0.000055	0.000059	0.000065	0.000061	0.000063	0.000063	0.000064	0.000066	0.000041	0.000043
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**

TOP

Licensee Comments: none

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	0.058	0.055	0.090	0.051	0	0	0	0.088	0.085	0.088	0.144	0.087
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**	**0.6**	**0.9**	**0.5**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**1.4**	**0.9**

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	0.114	0.107	0.151	0.129	0.127	0.131	0.158	0.144	0.127	0.129	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	**1.1**	**1.1**	**1.5**	**1.3**	**1.3**	**1.3**	**1.6**	**1.4**	**1.3**	**1.3**	**0**	**0**

TOP

Licensee Comments: none

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	38.0	34.0	66.0	19.0	42.0	38.0	45.0	36.0
Total opportunities	39.0	36.0	66.0	20.0	43.0	40.0	46.0	38.0
Indicator value	**97.7%**	**97.3%**	**97.7%**	**97.3%**	**97.7%**	**97.5%**	**97.2%**	**97.0%**

TOP

Licensee Comments:
4Q/16: Reported opportunities differ from documented opportunities due to Licensed Operator Requalification Training Exam Security process. No failures related to the opportunities. No color change.
3Q/16: Reported opportunities differ from documented opportunities due to Licensed Operator Requalification Training Exam Security process. No failures related to the opportunities. No color change.

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	119.0	118.0	126.0	129.0	124.0	124.0	125.0	123.0
Total Key personnel	120.0	118.0	126.0	130.0	124.0	124.0	125.0	123.0
Indicator value	**99.2%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

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	497	497	496	497	497	495	495	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**

TOP

Licensee Comments: none

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	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/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

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Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017