South Texas 2

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	0	0	0	0
Critical hours	2141.1	2183.0	2208.0	1615.7	2184.0
Indicator value	**1.7**	**1.7**	**0.9**	**0.9**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	0	1.0	1.0	2.0
Critical hours	2141.1	2183.0	2208.0	1615.7	2184.0
Indicator value	**0.9**	**0.9**	**1.7**	**1.7**	**3.4**

Licensee Comments:

1Q/00: Historical information included all unplanned power changes excluding automatic and manual scrams. Reviewed the historical input against the guidance in NEI 99-02 Draft D and revised the input accordingly.

1Q/00: Historical information included all unplanned power changes excluding automatic and manual scrams. Reviewed the historical input against the guidance in NEI 99-02 Draft D and revised the input accordingly.

4Q/99: Reviewed the historical input against the guidance and revised the input accordingly.

3Q/99: Reviewed the historical input against the guidance and revised the input accordingly.

2Q/99: Reviewed the historical input against the guidance and revised the input accordingly.

4Q/98: Reviewed the historical input against the guidance and revised the input accordingly.

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	132.57	0	0	0	28.00
Unplanned unavailable hours	46.75	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	120.15	0	2.03	0	13.15
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	28.92	10.75	27.27	0	128.67
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				**1.6%**	**1.7%**

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/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	44.05	0	94.65
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	2141.10	2183.00	2208.00	1615.70	2184.00
Train 2					
Planned unavailable hours	0	12.28	19.47	0	13.15
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	2141.10	2183.00	2208.00	1615.70	2184.00
Train 3					
Planned unavailable hours	13.28	0	23.88	0	73.90
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	2141.10	2183.00	2208.00	1615.70	2184.00
Indicator value				**1.0%**	**1.2%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	13.22	0	0	18.23
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	2141.10	2183.00	2208.00	1615.70	2184.00
Train 2					
Planned unavailable hours	17.13	10.85	4.98	5.55	15.93
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	2141.10	2183.00	2208.00	1615.70	2184.00
Train 3					
Planned unavailable hours	10.50	15.45	0	0	17.90
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	2141.10	2183.00	2208.00	1615.70	2184.00
Train 4					
Planned unavailable hours	0	18.25	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	2141.10	2183.00	2208.00	1615.70	2184.00
Indicator value				**0.5%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	7.97	163.00	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	13.75	16.50	8.22	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 3					
Planned unavailable hours	7.95	83.38	3.84	0	182.00
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
Indicator value				**1.0%**	**1.1%**

Licensee Comments: none

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

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	0.000112	0.000133	0.000142	0.000799	0.062500	0.001680	0.158000	0.000113	0.000130	0.000135	0.000124	0.000120
Technical specification limit	1.0	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**	**6.3**	**0.2**	**15.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.070	0.100	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0.7**	**1.0**	**0.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	0	0	28.0	8.0	253.0
Total opportunities	0	0	28.0	8.0	261.0
Indicator value				**98.5%**	**97.3%**

Licensee Comments:

1Q/00: In reviewing historical data we identified a calculation error when translating data from quarterly to monthly.

1Q/00: In reviewing historical data we identified a calculation error when translating data from quarterly to monthly.

4Q/99: Data collected under this performance indicator included full site participation drills (Combined Functional Drill, Drees Rehersals and Evaluated Exercises) only. Simulator/Licensed Operator Requalification sessions were not counted as part of historical data presented.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	31.0	34.0	41.0	47.0	125.0
Total Key personnel	47.0	47.0	47.0	47.0	131.0
Indicator value	**66.0%**	**72.3%**	**87.2%**	**100.0%**	**95.4%**

Licensee Comments:

4Q/99: South Texas Project maintains the Emergency Response Organization (ERO) qualified per our Emergency Plan requirements. Available historical data back through 1998 was not kept in a format that lent itself able to determine drill attendance for all personnel in all drills and exercises. To comply with this Performance Indicator, we began to schedule drills for the 47-personnel identified as "key responders". This effort was completed in early December 1999. Late in the same month a Frequently Asked Question (FAQ) response was published that expanded this scope to all personnel who could possibly fill a "key responder" position (127-personnel for STP). As previously stated, data was not available to cover this expanded scope of personnel. Therefore, the submitted data does not include the expanded scope of the FAQ. Future submittals will comply with the guidance provided in the FAQ.

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	212	182	215	215	183
Total sirens-tests	217	186	217	217	186
Indicator value	**97.7%**	**97.4%**	**98.2%**	**98.4%**	**98.6%**

Licensee Comments:

1Q/00: In reviewing historical data we identified a calculation error when translating data from quarterly to monthly.

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	**2**	**2**	**2**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments:

1Q/00:

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	433.50	101.60	186.00	347.10	352.60
CCTV compensatory hours	24.0	20.6	148.8	147.2	17.1
IDS normalization factor	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3
Index Value	**0.095**	**0.068**	**0.060**	**0.043**	**0.040**

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002

South Texas 2

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	0	0	0	0	0
Critical hours	2183.0	2208.0	1615.7	2184.0	2183.0
Indicator value	**1.7**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	0	1.0	1.0	2.0	0
Critical hours	2183.0	2208.0	1615.7	2184.0	2183.0
Indicator value	**0.9**	**1.7**	**1.7**	**3.4**	**3.4**

Licensee Comments:

1Q/00: Historical information included all unplanned power changes excluding automatic and manual scrams. Reviewed the historical input against the guidance in NEI 99-02 Draft D and revised the input accordingly.

4Q/99: Reviewed the historical input against the guidance and revised the input accordingly.

3Q/99: Reviewed the historical input against the guidance and revised the input accordingly.

2Q/99: Reviewed the historical input against the guidance and revised the input accordingly.

4Q/98: Reviewed the historical input against the guidance and revised the input accordingly.

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	0	0	0	28.00	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	2.03	0	13.15	46.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	10.75	27.27	0	128.67	20.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			**1.6%**	**1.7%**	**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)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	44.05	0	94.65	14.80
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	1615.70	2184.00	2183.00
Train 2					
Planned unavailable hours	12.28	19.47	0	13.15	0.50
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	1615.70	2184.00	2183.00
Train 3					
Planned unavailable hours	0	23.88	0	73.90	8.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	1615.70	2184.00	2183.00
Indicator value			**1.0%**	**1.2%**	**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/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	13.22	0	0	18.23	9.80
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	1615.70	2184.00	2183.00
Train 2					
Planned unavailable hours	10.85	4.98	5.55	15.93	4.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	1615.70	2184.00	2183.00
Train 3					
Planned unavailable hours	15.45	0	0	17.90	12.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	1615.70	2184.00	2183.00
Train 4					
Planned unavailable hours	18.25	0	0	0	11.80
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	1615.70	2184.00	2183.00
Indicator value			**0.5%**	**0.5%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	7.97	163.00	0	0	35.65
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	13.75	16.50	8.22	0	51.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	83.38	3.84	0	182.00	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			**1.0%**	**1.1%**	**1.2%**

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

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	0.000799	0.062500	0.001680	0.158000	0.000113	0.000130	0.000135	0.000124	0.000120	0.000123	0.000133	0.000147
Technical specification limit	1.0	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**	**6.3**	**0.2**	**15.8**	**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	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.100	0.100	0.100	0.100	0.100	0.100	0.070	0.100	0.070	0.075	0.150	0.115
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0.7**	**1.0**	**0.7**	**0.8**	**1.5**	**1.2**

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	0	28.0	8.0	253.0	7.0
Total opportunities	0	28.0	8.0	261.0	8.0
Indicator value			**98.5%**	**97.3%**	**96.8%**

Licensee Comments:

1Q/00: In reviewing historical data we identified a calculation error when translating data from quarterly to monthly.

4Q/99: Data collected under this performance indicator included full site participation drills (Combined Functional Drill, Drees Rehersals and Evaluated Exercises) only. Simulator/Licensed Operator Requalification sessions were not counted as part of historical data presented.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	34.0	41.0	47.0	125.0	126.0
Total Key personnel	47.0	47.0	47.0	131.0	131.0
Indicator value	**72.3%**	**87.2%**	**100.0%**	**95.4%**	**96.2%**

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	182	215	215	183	217
Total sirens-tests	186	217	217	186	217
Indicator value	**97.4%**	**98.2%**	**98.4%**	**98.6%**	**99.2%**

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	**2**	**2**	**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	101.60	186.00	347.10	352.60	46.90
CCTV compensatory hours	20.6	148.8	147.2	17.1	21.7
IDS normalization factor	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3
Index Value	**0.068**	**0.060**	**0.043**	**0.040**	**0.039**

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002

South Texas 2

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	0	0	0
Critical hours	2208.0	1615.7	2184.0	2183.0	2208.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	1.0	2.0	0	0
Critical hours	2208.0	1615.7	2184.0	2183.0	2208.0
Indicator value	**1.7**	**1.7**	**3.4**	**3.4**	**2.6**

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	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0	28.00	0	15.00
Unplanned unavailable hours	0	0	0	0	5.30
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	2.03	0	13.15	46.00	19.92
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	27.27	0	128.67	20.70	37.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		**1.6%**	**1.7%**	**1.4%**	**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)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	44.05	0	94.65	14.80	41.00
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	2208.00	1615.70	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	19.47	0	13.15	0.50	12.00
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	2208.00	1615.70	2184.00	2183.00	2208.00
Train 3					
Planned unavailable hours	23.88	0	73.90	8.00	15.75
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	1615.70	2184.00	2183.00	2208.00
Indicator value		**1.0%**	**1.2%**	**0.9%**	**1.0%**

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	0	18.23	9.80	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	1615.70	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	4.98	5.55	15.93	4.70	12.53
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	1615.70	2184.00	2183.00	2208.00
Train 3					
Planned unavailable hours	0	0	17.90	12.00	7.80
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	1615.70	2184.00	2183.00	2208.00
Train 4					
Planned unavailable hours	0	0	0	11.80	12.08
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	1615.70	2184.00	2183.00	2208.00
Indicator value		**0.5%**	**0.5%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	163.00	0	0	35.65	34.67
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	16.50	8.22	0	51.00	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 3					
Planned unavailable hours	3.84	0	182.00	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		**1.0%**	**1.1%**	**1.2%**	**1.2%**

Licensee Comments: none

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.158000	0.000113	0.000130	0.000135	0.000124	0.000120	0.000123	0.000133	0.000147	0.000405	0.000425	0.000458
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**15.8**	**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	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.100	0.100	0.100	0.070	0.100	0.070	0.075	0.150	0.115	0.098	0.107	0.103
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.0**	**1.0**	**0.7**	**1.0**	**0.7**	**0.8**	**1.5**	**1.2**	**1.0**	**1.1**	**1.0**

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	28.0	8.0	253.0	7.0	25.0
Total opportunities	28.0	8.0	261.0	8.0	26.0
Indicator value		**98.5%**	**97.3%**	**96.8%**	**97.0%**

Licensee Comments:

1Q/00: In reviewing historical data we identified a calculation error when translating data from quarterly to monthly.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	41.0	47.0	125.0	126.0	110.0
Total Key personnel	47.0	47.0	131.0	131.0	116.0
Indicator value	**87.2%**	**100.0%**	**95.4%**	**96.2%**	**94.8%**

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	215	215	183	217	186
Total sirens-tests	217	217	186	217	186
Indicator value	**98.2%**	**98.4%**	**98.6%**	**99.2%**	**99.4%**

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	**2**	**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

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	186.00	347.10	352.60	46.90	200.70
CCTV compensatory hours	148.8	147.2	17.1	21.7	3.6
IDS normalization factor	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3
Index Value	**0.060**	**0.043**	**0.040**	**0.039**	**0.033**

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

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

South Texas 2

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	0	0	0	0
Critical hours	1615.7	2184.0	2183.0	2208.0	2209.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	1.0	2.0	0	0	0
Critical hours	1615.7	2184.0	2183.0	2208.0	2209.0
Indicator value	**1.7**	**3.4**	**3.4**	**2.6**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	28.00	0	15.00	133.30
Unplanned unavailable hours	0	0	0	5.30	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	13.15	46.00	19.92	16.57
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	0	128.67	20.70	37.60	14.30
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	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**1.6%**	**1.7%**	**1.4%**	**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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	94.65	14.80	41.00	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	1615.70	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	13.15	0.50	12.00	54.60
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	1615.70	2184.00	2183.00	2208.00	2209.00
Train 3					
Planned unavailable hours	0	73.90	8.00	15.75	2.10
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	1615.70	2184.00	2183.00	2208.00	2209.00
Indicator value	**1.0%**	**1.2%**	**0.9%**	**1.0%**	**1.0%**

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	0	18.23	9.80	0	10.30
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	1615.70	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	5.55	15.93	4.70	12.53	9.60
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	1615.70	2184.00	2183.00	2208.00	2209.00
Train 3					
Planned unavailable hours	0	17.90	12.00	7.80	8.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1615.70	2184.00	2183.00	2208.00	2209.00
Train 4					
Planned unavailable hours	0	0	11.80	12.08	42.40
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1615.70	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0	35.65	34.67	41.58
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	8.22	0	51.00	0	54.50
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	2209.00	2184.00	2183.00	2208.00	2209.00
Train 3					
Planned unavailable hours	0	182.00	0	0	18.50
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	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**1.0%**	**1.1%**	**1.2%**	**1.2%**	**1.3%**

Licensee Comments:

4Q/00: STP has reevaluated the calculation of this indicator based on plant design, the definition of the indicator, and current FAQ's and determined that the RHR system unavailability has been over reported. The fourth quarter 2000 data has been revised accordingly. STP will complete the revision of the first, second & third quarter 2000 data prior to April 21, 2001.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000135	0.000124	0.000120	0.000123	0.000133	0.000147	0.000405	0.000425	0.000458	0.000485	0.000435	0.000466
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**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	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.070	0.100	0.070	0.075	0.150	0.115	0.098	0.107	0.103	0.115	0.160	0.220
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**1.0**	**0.7**	**0.8**	**1.5**	**1.2**	**1.0**	**1.1**	**1.0**	**1.2**	**1.6**	**2.2**

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	8.0	253.0	7.0	25.0	9.0
Total opportunities	8.0	261.0	8.0	26.0	10.0
Indicator value	**98.5%**	**97.3%**	**96.8%**	**97.0%**	**96.8%**

Licensee Comments:

1Q/00: In reviewing historical data we identified a calculation error when translating data from quarterly to monthly.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	47.0	125.0	126.0	110.0	109.0
Total Key personnel	47.0	131.0	131.0	116.0	116.0
Indicator value	**100.0%**	**95.4%**	**96.2%**	**94.8%**	**94.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	215	183	217	186	212
Total sirens-tests	217	186	217	186	217
Indicator value	**98.4%**	**98.6%**	**99.2%**	**99.4%**	**99.0%**

Licensee Comments:

4Q/00: Revised U2 data to reflect data changed previously in U1

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	347.10	352.60	46.90	200.70	282.90
CCTV compensatory hours	147.2	17.1	21.7	3.6	69.4
IDS normalization factor	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3
Index Value	**0.043**	**0.040**	**0.039**	**0.033**	**0.028**

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Action Matrix Summary | Reactor Oversight Process

Last Modified: March 28, 2002

South Texas 2

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	0	0	0	0	2.0
Critical hours	1615.7	2184.0	2183.0	2208.0	2209.0	1499.2
Indicator value	**0.9**	**0**	**0**	**0**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	0	0	0	0	1.0
Indicator value	**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
Unplanned power changes	1.0	2.0	0	0	0	1.0
Critical hours	1615.7	2184.0	2183.0	2208.0	2209.0	1499.2
Indicator value	**1.7**	**3.4**	**3.4**	**2.6**	**1.6**	**0.9**

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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	28.00	0	15.00	133.30	11.50
Unplanned unavailable hours	0	0	0	5.30	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	13.15	46.00	19.92	16.57	22.02
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	0	128.67	20.70	37.60	14.30	52.70
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.6%**	**1.7%**	**1.4%**	**1.5%**	**1.4%**	**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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	94.65	14.80	41.00	0	0.50
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20
Train 2						
Planned unavailable hours	0	13.15	0.50	12.00	54.60	12.33
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20
Train 3						
Planned unavailable hours	0	73.90	8.00	15.75	2.10	14.80
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20
Indicator value	**1.0%**	**1.2%**	**0.9%**	**1.0%**	**1.0%**	**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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	18.23	9.80	0	10.30	22.02
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20
Train 2						
Planned unavailable hours	5.55	15.93	4.70	12.53	9.60	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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20
Train 3						
Planned unavailable hours	0	17.90	12.00	7.80	8.70	5.27
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20
Train 4						
Planned unavailable hours	0	0	11.80	12.08	42.40	33.27
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	0	35.65	34.67	41.58	0.50
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	2124.30
Train 2						
Planned unavailable hours	8.22	0	51.00	0	54.50	21.67
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	2124.30
Train 3						
Planned unavailable hours	0	182.00	0	0	18.50	13.50
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	2124.30
Indicator value	**1.0%**	**1.1%**	**1.2%**	**1.2%**	**1.3%**	**1.2%**

Licensee Comments:

1Q/01: Revised 1st, 2nd, and 3rd quarter 2000 historical data based on plant design calculation and specific plant design.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.158000	0.000113	0.000130	0.000135	0.000124	0.000120	0.000123	0.000133	0.000147	0.000405	0.000425	0.000458
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**15.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000485	0.000435	0.000466	0.000648	0.000639	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0.1**	**0.1**	**N/A**

Licensee Comments:

3/01: Unit was in a refueling outage in March 2001 and no data meeting the criteria was available.

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	0.100	0.100	0.100	0.070	0.100	0.070	0.075	0.150	0.115	0.098	0.107	0.103
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.0**	**1.0**	**0.7**	**1.0**	**0.7**	**0.8**	**1.5**	**1.2**	**1.0**	**1.1**	**1.0**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.115	0.160	0.220	0.524	0.320	0.345
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.2**	**1.6**	**2.2**	**5.2**	**3.2**	**3.5**

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	8.0	253.0	7.0	25.0	9.0	0
Total opportunities	8.0	261.0	8.0	26.0	10.0	0
Indicator value	**98.5%**	**97.3%**	**96.8%**	**97.0%**	**96.8%**	**96.8%**

Licensee Comments:

1Q/01: Recalculated 2000 historical PI data based on detailed review if criteria in NEI 99-02.

1Q/00: In reviewing historical data we identified a calculation error when translating data from quarterly to monthly.

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	47.0	125.0	126.0	110.0	109.0	96.0
Total Key personnel	47.0	131.0	131.0	116.0	116.0	102.0
Indicator value	**100.0%**	**95.4%**	**96.2%**	**94.8%**	**94.0%**	**94.1%**

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	215	183	217	186	212	189
Total sirens-tests	217	186	217	186	217	190
Indicator value	**98.4%**	**98.6%**	**99.2%**	**99.4%**	**99.0%**	**99.3%**

Licensee Comments:

4Q/00: Revised U2 data to reflect data changed previously in U1

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	347.10	352.60	46.90	200.70	282.90	251.50
CCTV compensatory hours	147.2	17.1	21.7	3.6	69.4	163.5
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.043**	**0.040**	**0.039**	**0.033**	**0.028**	**0.032**

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Action Matrix Summary | Reactor Oversight Process

Last Modified: March 28, 2002

South Texas 2

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	0	0	0	0	2.0	1.0
Critical hours	1615.7	2184.0	2183.0	2208.0	2209.0	1499.2	2100.9
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**1.7**	**2.6**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	1.0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**

Licensee Comments: none

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	1.0	2.0	0	0	0	1.0	1.0
Critical hours	1615.7	2184.0	2183.0	2208.0	2209.0	1499.2	2100.9
Indicator value	**1.7**	**3.4**	**3.4**	**2.6**	**1.6**	**0.9**	**1.7**

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	0	28.00	0	15.00	133.30	11.50	16.00
Unplanned unavailable hours	0	0	0	5.30	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	13.15	46.00	19.92	16.57	22.02	23.20
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 3							
Planned unavailable hours	0	128.67	20.70	37.60	14.30	52.70	58.50
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.6%**	**1.7%**	**1.4%**	**1.5%**	**1.4%**	**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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	94.65	14.80	41.00	0	0.50	1.10
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90
Train 2							
Planned unavailable hours	0	13.15	0.50	12.00	54.60	12.33	48.00
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90
Train 3							
Planned unavailable hours	0	73.90	8.00	15.75	2.10	14.80	56.30
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90
Indicator value	**1.0%**	**1.2%**	**0.9%**	**1.0%**	**1.0%**	**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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	18.23	9.80	0	10.30	22.02	10.40
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90
Train 2							
Planned unavailable hours	5.55	15.93	4.70	12.53	9.60	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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90
Train 3							
Planned unavailable hours	0	17.90	12.00	7.80	8.70	5.27	10.40
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90
Train 4							
Planned unavailable hours	0	0	11.80	12.08	42.40	33.27	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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	0	35.65	34.67	41.58	0.50	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	2124.30	2183.00
Train 2							
Planned unavailable hours	8.22	0	51.00	0	54.50	21.67	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	2124.30	2183.00
Train 3							
Planned unavailable hours	0	182.00	0	0	18.50	13.50	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	2124.30	2183.00
Indicator value	**1.0%**	**1.1%**	**1.2%**	**1.2%**	**1.3%**	**1.2%**	**1.1%**

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
Safety System Functional Failures	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.158000	0.000113	0.000130	0.000135	0.000124	0.000120	0.000123	0.000133	0.000147	0.000405	0.000425	0.000458
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**15.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000485	0.000435	0.000466	0.000648	0.000639	N/A	0.000067	0.000078	0.000081
Technical specification limit	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**	**N/A**	**0**	**0**	**0**

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	0.100	0.100	0.100	0.070	0.100	0.070	0.075	0.150	0.115	0.098	0.107	0.103
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.0**	**1.0**	**0.7**	**1.0**	**0.7**	**0.8**	**1.5**	**1.2**	**1.0**	**1.1**	**1.0**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.115	0.160	0.220	0.524	0.320	0.345	0.318	0.273	0.270
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.2**	**1.6**	**2.2**	**5.2**	**3.2**	**3.5**	**3.2**	**2.7**	**2.7**

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	8.0	253.0	7.0	25.0	9.0	0	94.0
Total opportunities	8.0	261.0	8.0	26.0	10.0	0	100.0
Indicator value	**98.5%**	**97.3%**	**96.8%**	**97.0%**	**96.8%**	**96.8%**	**96.1%**

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	47.0	125.0	126.0	110.0	109.0	96.0	111.0
Total Key personnel	47.0	131.0	131.0	116.0	116.0	102.0	121.0
Indicator value	**100.0%**	**95.4%**	**96.2%**	**94.8%**	**94.0%**	**94.1%**	**91.7%**

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
Successful siren-tests	215	183	217	186	212	189	223
Total sirens-tests	217	186	217	186	217	190	224
Indicator value	**98.4%**	**98.6%**	**99.2%**	**99.4%**	**99.0%**	**99.3%**	**99.1%**

Licensee Comments:

4Q/00: Revised U2 data to reflect data changed previously in U1

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	347.10	352.60	46.90	200.70	282.90	251.50	106.10
CCTV compensatory hours	147.2	17.1	21.7	3.6	69.4	163.5	41.4
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.043**	**0.040**	**0.039**	**0.033**	**0.028**	**0.032**	**0.034**

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Action Matrix Summary | Reactor Oversight Process

Last Modified: March 27, 2002

South Texas 2

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	0	0	0	0	2.0	1.0	0
Critical hours	1615.7	2184.0	2183.0	2208.0	2209.0	1499.2	2100.9	2208.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**1.7**	**2.6**	**2.6**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	1.0	2.0	0	0	0	1.0	1.0	0
Critical hours	1615.7	2184.0	2183.0	2208.0	2209.0	1499.2	2100.9	2208.0
Indicator value	**1.7**	**3.4**	**3.4**	**2.6**	**1.6**	**0.9**	**1.7**	**1.7**

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	0	28.00	0	15.00	133.30	11.50	16.00	8.30
Unplanned unavailable hours	0	0	0	5.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	13.15	46.00	19.92	16.57	22.02	23.20	4.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	128.67	20.70	37.60	14.30	52.70	58.50	21.90
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**1.6%**	**1.7%**	**1.4%**	**1.5%**	**1.4%**	**1.5%**	**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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	94.65	14.80	41.00	0	0.50	1.10	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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00
Train 2								
Planned unavailable hours	0	13.15	0.50	12.00	54.60	12.33	48.00	17.70
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00
Train 3								
Planned unavailable hours	0	73.90	8.00	15.75	2.10	14.80	56.30	51.90
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00
Indicator value	**1.0%**	**1.2%**	**0.9%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**

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	0	18.23	9.80	0	10.30	22.02	10.40	6.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00
Train 2								
Planned unavailable hours	5.55	15.93	4.70	12.53	9.60	0	0	10.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00
Train 3								
Planned unavailable hours	0	17.90	12.00	7.80	8.70	5.27	10.40	14.50
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00
Train 4								
Planned unavailable hours	0	0	11.80	12.08	42.40	33.27	0	22.70
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	1615.70	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0	35.65	34.67	41.58	0.50	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	2184.00	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00
Train 2								
Planned unavailable hours	8.22	0	51.00	0	54.50	21.67	0	0.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00
Train 3								
Planned unavailable hours	0	182.00	0	0	18.50	13.50	0	4.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00
Indicator value	**1.0%**	**1.1%**	**1.2%**	**1.2%**	**1.3%**	**1.2%**	**1.1%**	**1.0%**

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	3Q/01
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

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	0.158000	0.000113	0.000130	0.000135	0.000124	0.000120	0.000123	0.000133	0.000147	0.000405	0.000425	0.000458
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**15.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000485	0.000435	0.000466	0.000648	0.000639	N/A	0.000067	0.000078	0.000081	0.000095	0.000089	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**	**0.1**	**0.1**	**N/A**	**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	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.100	0.100	0.100	0.070	0.100	0.070	0.075	0.150	0.115	0.098	0.107	0.103
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.0**	**1.0**	**0.7**	**1.0**	**0.7**	**0.8**	**1.5**	**1.2**	**1.0**	**1.1**	**1.0**

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	0.115	0.160	0.220	0.524	0.320	0.345	0.318	0.273	0.270	0.295	0.289	0.310
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.2**	**1.6**	**2.2**	**5.2**	**3.2**	**3.5**	**3.2**	**2.7**	**2.7**	**3.0**	**2.9**	**3.1**

Licensee Comments: none

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	8.0	253.0	7.0	25.0	9.0	0	94.0	19.0
Total opportunities	8.0	261.0	8.0	26.0	10.0	0	100.0	20.0
Indicator value	**98.5%**	**97.3%**	**96.8%**	**97.0%**	**96.8%**	**96.8%**	**96.1%**	**95.8%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	47.0	125.0	126.0	110.0	109.0	96.0	111.0	111.0
Total Key personnel	47.0	131.0	131.0	116.0	116.0	102.0	121.0	122.0
Indicator value	**100.0%**	**95.4%**	**96.2%**	**94.8%**	**94.0%**	**94.1%**	**91.7%**	**91.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	215	183	217	186	212	189	223	189
Total sirens-tests	217	186	217	186	217	190	224	192
Indicator value	**98.4%**	**98.6%**	**99.2%**	**99.4%**	**99.0%**	**99.3%**	**99.1%**	**98.8%**

Licensee Comments:

3Q/01: The fourth quarter of 2000 data was changed to resolve a data entry error.

3Q/01: The fourth quarter of 2000 data was changed to resolve a date entry error.

4Q/00: Revised U2 data to reflect data changed previously in U1

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	347.10	352.60	46.90	200.70	282.90	251.50	106.10	145.80
CCTV compensatory hours	147.2	17.1	21.7	3.6	69.4	163.5	41.4	66.3
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.043**	**0.040**	**0.039**	**0.033**	**0.028**	**0.032**	**0.034**	**0.035**

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

South Texas 2

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	0	0	0	0	2.0	1.0	0	0
Critical hours	2184.0	2183.0	2208.0	2209.0	1499.2	2100.9	2208.0	2072.6
Indicator value	**0**	**0**	**0**	**0**	**1.7**	**2.6**	**2.6**	**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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
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/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	2.0	0	0	0	1.0	1.0	0	1.0
Critical hours	2184.0	2183.0	2208.0	2209.0	1499.2	2100.9	2208.0	2072.6
Indicator value	**3.4**	**3.4**	**2.6**	**1.6**	**0.9**	**1.7**	**1.7**	**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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	28.00	0	15.00	133.30	11.50	16.00	8.30	53.20
Unplanned unavailable hours	0	0	5.30	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	13.15	46.00	19.92	16.57	22.02	23.20	4.20	141.80
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	128.67	20.70	37.60	14.30	52.70	58.50	21.90	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**1.7%**	**1.4%**	**1.5%**	**1.4%**	**1.5%**	**1.5%**	**1.4%**	**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/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	94.65	14.80	41.00	0	0.50	1.10	35.00	14.80
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	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60
Train 2								
Planned unavailable hours	13.15	0.50	12.00	54.60	12.33	48.00	17.70	0.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60
Train 3								
Planned unavailable hours	73.90	8.00	15.75	2.10	14.80	56.30	51.90	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	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60
Indicator value	**1.2%**	**0.9%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**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/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	18.23	9.80	0	10.30	22.02	10.40	6.50	7.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60
Train 2								
Planned unavailable hours	15.93	4.70	12.53	9.60	0	0	10.00	6.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60
Train 3								
Planned unavailable hours	17.90	12.00	7.80	8.70	5.27	10.40	14.50	17.90
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	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60
Train 4								
Planned unavailable hours	0	11.80	12.08	42.40	33.27	0	22.70	27.70
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	2184.00	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60
Indicator value	**0.5%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	35.65	34.67	41.58	0.50	0	35.00	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	2184.00	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	51.00	0	54.50	21.67	0	0.40	0.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	182.00	0	0	18.50	13.50	0	4.50	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	2184.00	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00	2072.60
Indicator value	**1.1%**	**1.2%**	**1.2%**	**1.3%**	**1.2%**	**1.1%**	**1.0%**	**1.0%**

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000135	0.000124	0.000120	0.000123	0.000133	0.000147	0.000405	0.000425	0.000458	0.000485	0.000435	0.000466
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000648	0.000639	N/A	0.000067	0.000078	0.000081	0.000095	0.000089	0.000097	0.000095	0.000094	0.000101
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**N/A**	**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	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.070	0.100	0.070	0.075	0.150	0.115	0.098	0.107	0.103	0.115	0.160	0.220
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**1.0**	**0.7**	**0.8**	**1.5**	**1.2**	**1.0**	**1.1**	**1.0**	**1.2**	**1.6**	**2.2**

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	0.524	0.320	0.345	0.318	0.273	0.270	0.295	0.289	0.310	0.283	0.294	0.309
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**5.2**	**3.2**	**3.5**	**3.2**	**2.7**	**2.7**	**3.0**	**2.9**	**3.1**	**2.8**	**2.9**	**3.1**

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	253.0	7.0	25.0	9.0	0	94.0	19.0	80.0
Total opportunities	261.0	8.0	26.0	10.0	0	100.0	20.0	78.0
Indicator value	**97.3%**	**96.8%**	**97.0%**	**96.8%**	**96.8%**	**96.1%**	**95.8%**	**96.8%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	125.0	126.0	110.0	109.0	96.0	111.0	111.0	120.0
Total Key personnel	131.0	131.0	116.0	116.0	102.0	121.0	122.0	125.0
Indicator value	**95.4%**	**96.2%**	**94.8%**	**94.0%**	**94.1%**	**91.7%**	**91.0%**	**96.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	183	217	186	212	189	223	189	220
Total sirens-tests	186	217	186	217	190	224	192	224
Indicator value	**98.6%**	**99.2%**	**99.4%**	**99.0%**	**99.3%**	**99.1%**	**98.8%**	**98.9%**

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	352.60	46.90	200.70	282.90	251.50	106.10	145.80	143.90
CCTV compensatory hours	17.1	21.7	3.6	69.4	163.5	41.4	66.3	16.6
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.040**	**0.039**	**0.033**	**0.028**	**0.032**	**0.034**	**0.035**	**0.029**

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	**2**	**1**	**1**	**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

South Texas 2

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	0	0	0	2.0	1.0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1499.2	2100.9	2208.0	2072.6	2160.0
Indicator value	**0**	**0**	**0**	**1.7**	**2.6**	**2.6**	**2.7**	**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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/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

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	0	0	1.0	1.0	0	1.0	0
Critical hours	2183.0	2208.0	2209.0	1499.2	2100.9	2208.0	2072.6	2160.0
Indicator value	**3.4**	**2.6**	**1.6**	**0.9**	**1.7**	**1.7**	**2.7**	**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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	15.00	133.30	11.50	16.00	8.30	53.20	18.47
Unplanned unavailable hours	0	5.30	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	46.00	19.92	16.57	22.02	23.20	4.20	141.80	39.10
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
Train 3								
Planned unavailable hours	20.70	37.60	14.30	52.70	58.50	21.90	0	33.33
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	**1.4%**	**1.5%**	**1.4%**	**1.5%**	**1.5%**	**1.4%**	**1.6%**	**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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	14.80	41.00	0	0.50	1.10	35.00	14.80	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	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00
Train 2								
Planned unavailable hours	0.50	12.00	54.60	12.33	48.00	17.70	0.50	11.50
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	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00
Train 3								
Planned unavailable hours	8.00	15.75	2.10	14.80	56.30	51.90	0	14.88
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	1499.20	2100.90	2208.00	2072.60	2160.00
Indicator value	**0.9%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**1.0%**

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	9.80	0	10.30	22.02	10.40	6.50	7.60	12.57
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	1499.20	2100.90	2208.00	2072.60	2160.00
Train 2								
Planned unavailable hours	4.70	12.53	9.60	0	0	10.00	6.30	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	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00
Train 3								
Planned unavailable hours	12.00	7.80	8.70	5.27	10.40	14.50	17.90	6.38
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	1499.20	2100.90	2208.00	2072.60	2160.00
Train 4								
Planned unavailable hours	11.80	12.08	42.40	33.27	0	22.70	27.70	40.82
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	2183.00	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00
Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	35.65	34.67	41.58	0.50	0	35.00	0.80	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	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	51.00	0	54.50	21.67	0	0.40	0.50	25.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	18.50	13.50	0	4.50	0	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	2183.00	2208.00	2209.00	2124.30	2183.00	2208.00	2072.60	2160.00
Indicator value	**1.2%**	**1.2%**	**1.3%**	**1.2%**	**1.1%**	**1.0%**	**1.0%**	**1.1%**

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	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0.000123	0.000133	0.000147	0.000405	0.000425	0.000458	0.000485	0.000435	0.000466	0.000648	0.000639	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**	**0.1**	**0.1**	**N/A**

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	0.000067	0.000078	0.000081	0.000095	0.000089	0.000097	0.000095	0.000094	0.000101	0.000106	0.000119	0.000109
Technical specification limit	1.0	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	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.075	0.150	0.115	0.098	0.107	0.103	0.115	0.160	0.220	0.524	0.320	0.345
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.8**	**1.5**	**1.2**	**1.0**	**1.1**	**1.0**	**1.2**	**1.6**	**2.2**	**5.2**	**3.2**	**3.5**

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	0.318	0.273	0.270	0.295	0.289	0.310	0.283	0.294	0.309	0.329	0.331	0.317
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.2**	**2.7**	**2.7**	**3.0**	**2.9**	**3.1**	**2.8**	**2.9**	**3.1**	**3.3**	**3.3**	**3.2**

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	7.0	25.0	9.0	0	94.0	19.0	80.0	33.0
Total opportunities	8.0	26.0	10.0	0	100.0	20.0	78.0	37.0
Indicator value	**96.8%**	**97.0%**	**96.8%**	**96.8%**	**96.1%**	**95.8%**	**96.8%**	**95.7%**

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	126.0	110.0	109.0	96.0	111.0	111.0	120.0	112.0
Total Key personnel	131.0	116.0	116.0	102.0	121.0	122.0	125.0	124.0
Indicator value	**96.2%**	**94.8%**	**94.0%**	**94.1%**	**91.7%**	**91.0%**	**96.0%**	**90.3%**

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	217	186	212	189	223	189	220	186
Total sirens-tests	217	186	217	190	224	192	224	192
Indicator value	**99.2%**	**99.4%**	**99.0%**	**99.3%**	**99.1%**	**98.8%**	**98.9%**	**98.3%**

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	46.90	200.70	282.90	251.50	106.10	145.80	143.90	77.50
CCTV compensatory hours	21.7	3.6	69.4	163.5	41.4	66.3	16.6	11.9
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.039**	**0.033**	**0.028**	**0.032**	**0.034**	**0.035**	**0.029**	**0.018**

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	**1**	**1**	**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

South Texas 2

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	0	0	2.0	1.0	0	0	0	1.0
Critical hours	2208.0	2209.0	1499.2	2100.9	2208.0	2072.6	2160.0	2114.9
Indicator value	**0**	**0**	**1.7**	**2.6**	**2.6**	**2.7**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	1.0	1.0	0	1.0	0	0
Critical hours	2208.0	2209.0	1499.2	2100.9	2208.0	2072.6	2160.0	2114.9
Indicator value	**2.6**	**1.6**	**0.9**	**1.7**	**1.7**	**2.7**	**1.6**	**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/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	15.00	133.30	11.50	16.00	8.30	53.20	18.47	44.00
Unplanned unavailable hours	5.30	0	0	0	0	0	0	26.43
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	2184.00
Train 2								
Planned unavailable hours	19.92	16.57	22.02	23.20	4.20	141.80	39.10	20.55
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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2184.00
Train 3								
Planned unavailable hours	37.60	14.30	52.70	58.50	21.90	0	33.33	100.00
Unplanned unavailable hours	0	0	0	0	0	0	0	132.73
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	2184.00
Indicator value	**1.5%**	**1.4%**	**1.5%**	**1.5%**	**1.4%**	**1.6%**	**1.3%**	**1.7%**

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)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	41.00	0	0.50	1.10	35.00	14.80	1.20	18.77
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	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00	2184.00
Train 2								
Planned unavailable hours	12.00	54.60	12.33	48.00	17.70	0.50	11.50	14.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00	2184.00
Train 3								
Planned unavailable hours	15.75	2.10	14.80	56.30	51.90	0	14.88	63.13
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	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00	2184.00

Indicator value	1.0%	1.0%	0.9%	0.9%	1.0%	0.9%	1.0%	1.1%

Licensee Comments:

2Q/02: 6/2002 - Actual hours were used instead of critical hours because no mode transitions were made to a mode where the systems were not required.

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	0	10.30	22.02	10.40	6.50	7.60	12.57	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	1499.20	2100.90	2208.00	2072.60	2160.00	2184.00
Train 2								
Planned unavailable hours	12.53	9.60	0	0	10.00	6.30	0	19.67
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	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00	2184.00

Train 3								
Planned unavailable hours	7.80	8.70	5.27	10.40	14.50	17.90	6.38	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	1499.20	2100.90	2208.00	2072.60	2160.00	2184.00
Train 4								
Planned unavailable hours	12.08	42.40	33.27	0	22.70	27.70	40.82	24.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00	2184.00
Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**

Licensee Comments:

2Q/02: 6/2002 - Actual hours were used instead of critical hours because no mode transitions were made to a mode where the systems were not required.

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	34.67	41.58	0.50	0	35.00	0.80	1.20	43.17
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	2208.00	2209.00	2124.30	2183.00	2208.00	2209.00	2160.00	2184.00
Train 2								
Planned unavailable hours	0	54.50	21.67	0	0.40	0.50	25.00	49.62
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	2124.30	2183.00	2208.00	2209.00	2160.00	2184.00
Train 3								
Planned unavailable hours	0	18.50	13.50	0	4.50	0	21.30	63.13
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	2208.00	2209.00	2124.30	2183.00	2208.00	2072.60	2160.00	2184.00
Indicator value	**1.2%**	**1.3%**	**1.2%**	**1.1%**	**1.0%**	**1.0%**	**1.1%**	**1.1%**

Licensee Comments: none

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000405	0.000425	0.000458	0.000485	0.000435	0.000466	0.000648	0.000639	N/A	0.000067	0.000078	0.000081
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**

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	0.000095	0.000089	0.000097	0.000095	0.000094	0.000101	0.000106	0.000119	0.000109	0.011200	0.011200	0.010800
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.1**	**1.1**	**1.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.098	0.107	0.103	0.115	0.160	0.220	0.524	0.320	0.345	0.318	0.273	0.270
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.1**	**1.0**	**1.2**	**1.6**	**2.2**	**5.2**	**3.2**	**3.5**	**3.2**	**2.7**	**2.7**

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	0.295	0.289	0.310	0.283	0.294	0.309	0.329	0.331	0.317	0.325	0.344	0.351
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.0**	**2.9**	**3.1**	**2.8**	**2.9**	**3.1**	**3.3**	**3.3**	**3.2**	**3.3**	**3.4**	**3.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	25.0	9.0	0	94.0	19.0	78.0	33.0	28.0
Total opportunities	26.0	10.0	0	100.0	20.0	80.0	37.0	28.0
Indicator value	**97.0%**	**96.8%**	**96.8%**	**96.1%**	**95.8%**	**96.0%**	**94.3%**	**95.0%**

Licensee Comments:

2Q/02: Corrected historical data for 11/2001 - Data numbers 28 and 30 were reversed for Drill/Exercise Performance.

4Q/01: 11/2001 - Data numbers 28 and 30 were reversed. Corrected same.

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	110.0	109.0	96.0	111.0	111.0	120.0	112.0	111.0
Total Key personnel	116.0	116.0	102.0	121.0	122.0	125.0	124.0	118.0
Indicator value	**94.8%**	**94.0%**	**94.1%**	**91.7%**	**91.0%**	**96.0%**	**90.3%**	**94.1%**

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	186	212	189	223	189	220	186	218
Total sirens-tests	186	217	190	224	192	224	192	224
Indicator value	**99.4%**	**99.0%**	**99.3%**	**99.1%**	**98.8%**	**98.9%**	**98.3%**	**97.7%**

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

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

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	200.70	282.90	251.50	106.10	145.80	143.90	77.50	139.70
CCTV compensatory hours	3.6	69.4	163.5	41.4	66.3	16.6	11.9	41.3
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.033**	**0.028**	**0.032**	**0.034**	**0.035**	**0.029**	**0.018**	**0.019**

Licensee Comments: none

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: July 31, 2002

South Texas 2

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	0	2.0	1.0	0	0	0	1.0	1.0
Critical hours	2209.0	1499.2	2100.9	2208.0	2072.6	2160.0	2114.9	2181.2
Indicator value	**0**	**1.7**	**2.6**	**2.6**	**2.7**	**0.8**	**0.8**	**1.6**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	1.0	1.0	0	1.0	0	0	0
Critical hours	2209.0	1499.2	2100.9	2208.0	2072.6	2160.0	2114.9	2181.2
Indicator value	**1.6**	**0.9**	**1.7**	**1.7**	**2.7**	**1.6**	**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/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	133.30	11.50	16.00	8.30	53.20	18.47	44.00	15.50
Unplanned unavailable hours	0	0	0	0	0	0	26.43	0
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	16.57	22.02	23.20	4.20	141.80	39.10	20.55	18.00
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	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	14.30	52.70	58.50	21.90	0	33.33	100.00	12.95
Unplanned unavailable hours	0	0	0	0	0	0	132.73	0
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	**1.4%**	**1.5%**	**1.5%**	**1.4%**	**1.6%**	**1.3%**	**1.7%**	**1.7%**

Licensee Comments:

3Q/02: Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data. Does not change color of indicator.

2Q/02: Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data. Does not change color of indicator.

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	0.50	1.10	35.00	14.80	1.20	18.77	52.87
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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	54.60	12.33	48.00	17.70	0.50	11.50	14.50	38.43
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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	2.10	14.80	56.30	51.90	0	14.88	63.13	89.79
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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00
Indicator value	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**1.0%**	**1.1%**	**1.2%**

Licensee Comments:

3Q/02: Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data. Does not change color of indicator.

2Q/02: Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data. Does not change color of indicator.

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	10.30	22.02	10.40	6.50	7.60	12.57	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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	9.60	0	0	10.00	6.30	0	19.67	4.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	8.70	5.27	10.40	14.50	17.90	6.38	0	19.26
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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	42.40	33.27	0	22.70	27.70	40.82	12.65	0
Unplanned unavailable hours	0	0	0	0	0	0	11.35	0
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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**

Licensee Comments:

3Q/02: Identified and corrected minor interpretation error in "Number of planned unavailable hours..." & "Number of unplanned unavailable hours..." in 6/2002 Train 4 data. Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data. Does not change color of indicator.

2Q/02: Identified and corrected minor interpretation error in "Number of planned unavailable hours..." & "Number of unplanned unavailable hours..." in 6/2002 Train 4 data. Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data. Does not change color of indicator.

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	41.58	0.50	0	35.00	0.80	1.20	43.17	52.87

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	2124.30	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	54.50	21.67	0	0.40	0.50	25.00	49.62	83.03
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	2124.30	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	18.50	13.50	0	4.50	0	21.30	63.13	109.53
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	2124.30	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**1.3%**	**1.2%**	**1.1%**	**1.0%**	**1.0%**	**1.1%**	**1.1%**	**1.2%**

Licensee Comments:

3Q/02: Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data, and in 10/2001 Train 3 data. Does not change color of indicator.

2Q/02: Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data. Does not change color of indicator.

4Q/01: Identified and corrected minor error in "Hours train required for service during the month" in 10/2001 Train 3 data. Does not change color of indicator.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/00**	**11/00**	**12/00**	**1/01**	**2/01**	**3/01**	**4/01**	**5/01**	**6/01**	**7/01**	**8/01**	**9/01**
Maximum activity	0.000485	0.000435	0.000466	0.000648	0.000639	N/A	0.000067	0.000078	0.000081	0.000095	0.000089	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**	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000095	0.000094	0.000101	0.000106	0.000119	0.000109	0.000112	0.000112	0.000108	0.000117	0.000116	0.000123
Technical specification limit	1.0	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:

9/02: Identified and corrected minor error in "Maximum calculated RCS activity..." in Q2/2002 data. Does not change color of indicator.

6/02: Identified and corrected minor error in "Maximum calculated RCS activity..." in Q2/2002 data. Does not change color of indicator.

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	0.115	0.160	0.220	0.524	0.320	0.345	0.318	0.273	0.270	0.295	0.289	0.310
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.2**	**1.6**	**2.2**	**5.2**	**3.2**	**3.5**	**3.2**	**2.7**	**2.7**	**3.0**	**2.9**	**3.1**

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.283	0.294	0.309	0.329	0.331	0.317	0.325	0.344	0.351	0.361	0.415	0.458
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.8**	**2.9**	**3.1**	**3.3**	**3.3**	**3.2**	**3.3**	**3.4**	**3.5**	**3.6**	**4.2**	**4.6**

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	9.0	0	94.0	19.0	78.0	33.0	28.0	56.0
Total opportunities	10.0	0	100.0	20.0	80.0	37.0	28.0	58.0
Indicator value	**96.8%**	**96.8%**	**96.1%**	**95.8%**	**96.0%**	**94.3%**	**95.0%**	**95.2%**

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	109.0	96.0	111.0	111.0	120.0	112.0	111.0	113.0
Total Key personnel	116.0	102.0	121.0	122.0	125.0	124.0	118.0	120.0
Indicator value	**94.0%**	**94.1%**	**91.7%**	**91.0%**	**96.0%**	**90.3%**	**94.1%**	**94.2%**

Licensee Comments:

3Q/02: Identified and corrected minor error in "Number of key ERO members that have participated..." in Q3/2000 data. Does not change color of indicator.

3Q/00: Identified and corrected minor error in "Number of key ERO members that have participated..." in Q3/2000 data. Does not change color of indicator.

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	212	189	223	189	220	186	218	190
Total sirens-tests	217	190	224	192	224	192	224	192
Indicator value	**99.0%**	**99.3%**	**99.1%**	**98.8%**	**98.9%**	**98.3%**	**97.7%**	**97.8%**

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	282.90	251.50	106.10	145.80	143.90	77.50	139.70	107.90
CCTV compensatory hours	69.4	163.5	41.4	66.3	16.6	11.9	41.3	97.0
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.028**	**0.032**	**0.034**	**0.035**	**0.029**	**0.018**	**0.019**	**0.019**

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

South Texas 2

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	2.0	1.0	0	0	0	1.0	1.0	1.0
Critical hours	1499.2	2100.9	2208.0	2072.6	2160.0	2114.9	2181.2	287.6
Indicator value	**1.7**	**2.6**	**2.6**	**2.7**	**0.8**	**0.8**	**1.6**	**3.1**

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	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:

4Q/02: On 12/15/02, the reactor was manually tripped, and we made a decision to break condenser vacuum. We do not believe this counts in this indicator, however, the guidance isn't sufficiently clear for the specific details related to this event. We are submitting a FAQ for clarification.

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	1.0	1.0	0	1.0	0	0	0	0
Critical hours	1499.2	2100.9	2208.0	2072.6	2160.0	2114.9	2181.2	287.6
Indicator value	**0.9**	**1.7**	**1.7**	**2.7**	**1.6**	**0.8**	**0.8**	**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/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	11.50	16.00	8.30	53.20	18.47	44.00	15.50	0
Unplanned unavailable hours	0	0	0	0	0	26.43	0	0
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	22.02	23.20	4.20	141.80	39.10	20.55	18.00	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	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	52.70	58.50	21.90	0	33.33	100.00	12.95	0
Unplanned unavailable hours	0	0	0	0	0	132.73	0	0
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	**1.5%**	**1.5%**	**1.4%**	**1.6%**	**1.3%**	**1.7%**	**1.7%**	**1.7%**

Licensee Comments:

4Q/02: 11/02 - Hours train required for service is less than the number of hours in the reporting period because of the steam generator replacement outage, and the nuclear fuel was offloaded to the spent fuel pool until Nov. 20, at 1503 when the unit entered Mode 6.

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0.50	1.10	35.00	14.80	1.20	18.77	52.87	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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	445.52
Train 2								
Planned unavailable hours	12.33	48.00	17.70	0.50	11.50	14.50	38.43	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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	445.52
Train 3								
Planned unavailable hours	14.80	56.30	51.90	0	14.88	63.13	89.79	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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	445.52
Indicator value	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**1.0%**	**1.1%**	**1.2%**	**1.3%**

Licensee Comments:

4Q/02: 10/02 - Hours train required for service is less than number of hours in the reporting period because of a steam generator replacement outage, and the nuclear fuel was offloaded to the spent fuel pool.

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	22.02	10.40	6.50	7.60	12.57	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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	417.52
Train 2								
Planned unavailable hours	0	0	10.00	6.30	0	19.67	4.50	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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	417.52
Train 3								
Planned unavailable hours	5.27	10.40	14.50	17.90	6.38	0	19.26	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	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	417.52
Train 4								
Planned unavailable hours	33.27	0	22.70	27.70	40.82	12.65	0	0
Unplanned unavailable hours	0	0	0	0	0	11.35	0	9.52
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1499.20	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	417.52
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**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	0.50	0	35.00	0.80	1.20	43.17	52.87	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	2124.30	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1251.95
Train 2								
Planned unavailable hours	21.67	0	0.40	0.50	25.00	49.62	83.03	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	2124.30	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1251.95
Train 3								
Planned unavailable hours	13.50	0	4.50	0	21.30	63.13	109.53	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	2124.30	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1251.95
Indicator value	**1.2%**	**1.1%**	**1.0%**	**1.0%**	**1.1%**	**1.1%**	**1.2%**	**1.2%**

Licensee Comments:

4Q/02: 10/02 - Hours train required for service is less than number of hours in the reporting period because of a steam generator replacement outage, and the nuclear fuel was offloaded to the spent fuel pool. 11/02 - Hours train required for service is less than the number of hours in the reporting period because of the steam generator replacement outage, and the nuclear fuel was offloaded to the spent fuel pool until Nov. 20, at 1503 when the unit entered Mode 6.

4Q/02: 10/02 - Hours train required for service is less than number of hours in the reporting period because of a steam generator replacement outage, and the nuclear fuel was offloaded to the spent fuel pool. 11/02 - Hours train required for service is less than the number of hours in the reporting period because of the steam generator replacement outage, and the nuclear fuel was offloaded to the spent fuel pool until Nov. 20, at 1503 when the unit entered Mode 6.

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

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	0.000648	0.000639	N/A	0.000067	0.000078	0.000081	0.000095	0.000089	0.000097	0.000095	0.000094	0.000101
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.000106	0.000119	0.000109	0.000112	0.000112	0.000108	0.000117	0.000116	0.000123	0	0	0.000057
Technical specification limit	1.0	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	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.524	0.320	0.345	0.318	0.273	0.270	0.295	0.289	0.310	0.283	0.294	0.309
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**5.2**	**3.2**	**3.5**	**3.2**	**2.7**	**2.7**	**3.0**	**2.9**	**3.1**	**2.8**	**2.9**	**3.1**

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	0.329	0.331	0.317	0.325	0.344	0.351	0.361	0.415	0.458	0.410	0	0.302
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.3**	**3.3**	**3.2**	**3.3**	**3.4**	**3.5**	**3.6**	**4.2**	**4.6**	**4.1**	**0**	**3.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	0	94.0	19.0	78.0	33.0	28.0	56.0	0
Total opportunities	0	100.0	20.0	80.0	37.0	28.0	58.0	0
Indicator value	**96.8%**	**96.1%**	**95.8%**	**96.0%**	**94.3%**	**95.0%**	**95.2%**	**95.4%**

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	96.0	111.0	111.0	120.0	112.0	111.0	113.0	111.0
Total Key personnel	102.0	121.0	122.0	125.0	124.0	118.0	120.0	118.0
Indicator value	**94.1%**	**91.7%**	**91.0%**	**96.0%**	**90.3%**	**94.1%**	**94.2%**	**94.1%**

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	189	223	189	220	186	218	190	253
Total sirens-tests	190	224	192	224	192	224	192	256
Indicator value	**99.3%**	**99.1%**	**98.8%**	**98.9%**	**98.3%**	**97.7%**	**97.8%**	**98.0%**

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

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
IDS compensatory hours	251.50	106.10	145.80	143.90	77.50	139.70	107.90	82.10
CCTV compensatory hours	163.5	41.4	66.3	16.6	11.9	41.3	97.0	4.8
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.032**	**0.034**	**0.035**	**0.029**	**0.018**	**0.019**	**0.019**	**0.017**

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

South Texas 2

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	0	0	0	1.0	1.0	1.0	0
Critical hours	2100.9	2208.0	2072.6	2160.0	2114.9	2181.2	287.6	546.8
Indicator value	**2.6**	**2.6**	**2.7**	**0.8**	**0.8**	**1.6**	**3.1**	**4.1**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	2100.9	2208.0	2072.6	2160.0	2114.9	2181.2	287.6	546.8
Indicator value	**1.7**	**1.7**	**2.7**	**1.6**	**0.8**	**0.8**	**0**	**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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	16.00	8.30	53.20	18.47	44.00	15.50	0	12.52
Unplanned unavailable hours	0	0	0	0	26.43	0	0	0
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	23.20	4.20	141.80	39.10	20.55	18.00	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	58.50	21.90	0	33.33	100.00	12.95	0	0
Unplanned unavailable hours	0	0	0	0	132.73	0	0	0
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	**1.5%**	**1.4%**	**1.6%**	**1.3%**	**1.7%**	**1.7%**	**1.7%**	**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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.10	35.00	14.80	1.20	18.77	52.87	0	0.42
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	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	445.52	1205.61
Train 2								
Planned unavailable hours	48.00	17.70	0.50	11.50	14.50	38.43	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	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	445.52	1205.61
Train 3								
Planned unavailable hours	56.30	51.90	0	14.88	63.13	89.79	0	0.58
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	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	445.52	1205.61

Indicator value	**0.9%**	**1.0%**	**0.9%**	**1.0%**	**1.1%**	**1.2%**	**1.3%**	**1.0%**

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	10.40	6.50	7.60	12.57	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	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	417.52	1183.57
Train 2								
Planned unavailable hours	0	10.00	6.30	0	19.67	4.50	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	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	417.52	1183.57
Train 3								
Planned unavailable hours	10.40	14.50	17.90	6.38	0	19.26	0	11.55
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	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	417.52	1183.57
Train 4								
Planned unavailable hours	0	22.70	27.70	40.82	12.65	0	0	0
Unplanned unavailable hours	0	0	0	0	11.35	0	9.52	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2100.90	2208.00	2072.60	2160.00	2183.00	2208.00	417.52	1183.57
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.6%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	0	35.00	0.80	1.20	43.17	52.87	0	0.42
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	1251.95	2160.00
Train 2								
Planned unavailable hours	0	0.40	0.50	25.00	49.62	83.03	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	1251.95	2160.00
Train 3								
Planned unavailable hours	0	4.50	0	21.30	63.13	109.53	0	0.58
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	1251.95	2160.00
Indicator value	**1.1%**	**1.0%**	**1.0%**	**1.1%**	**1.1%**	**1.2%**	**1.2%**	**1.0%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/01**	**5/01**	**6/01**	**7/01**	**8/01**	**9/01**	**10/01**	**11/01**	**12/01**	**1/02**	**2/02**	**3/02**
Maximum activity	0.000067	0.000078	0.000081	0.000095	0.000089	0.000097	0.000095	0.000094	0.000101	0.000106	0.000119	0.000109
Technical specification limit	1.0	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	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**
Maximum activity	0.000112	0.000112	0.000108	0.000117	0.000116	0.000123	0	0	0.000057	N/A	N/A	0.000051
Technical specification limit	1.0	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**	**N/A**	**0**

Licensee Comments:

3/03: No data available (1/03 and 2/03) due to unit in refueling outage and not at steady state conditions.

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	0.318	0.273	0.270	0.295	0.289	0.310	0.283	0.294	0.309	0.329	0.331	0.317
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.2**	**2.7**	**2.7**	**3.0**	**2.9**	**3.1**	**2.8**	**2.9**	**3.1**	**3.3**	**3.3**	**3.2**

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	0.325	0.344	0.351	0.361	0.415	0.458	0.410	0	0.302	0.417	N/A	0.168
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.3**	**3.4**	**3.5**	**3.6**	**4.2**	**4.6**	**4.1**	**0**	**3.0**	**4.2**	**N/A**	**1.7**

Licensee Comments:

3/03: No data available (2/03) due to outage.

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	94.0	19.0	78.0	33.0	28.0	33.0	0	0
Total opportunities	100.0	20.0	80.0	37.0	28.0	34.0	0	0
Indicator value	**96.1%**	**95.8%**	**96.0%**	**94.3%**	**95.0%**	**95.1%**	**95.3%**	**95.3%**

Licensee Comments:

1Q/03: Drill/Exercise Performance corrected numbers for 9/2002. Previous submittal included quarterly total vs. monthly total.

3Q/02: Drill/Exercise Performance corrected numbers for 9/2002. Previous submittal included quarterly total vs. monthly total.

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	111.0	111.0	120.0	112.0	111.0	113.0	111.0	107.0
Total Key personnel	121.0	122.0	125.0	124.0	118.0	120.0	118.0	116.0
Indicator value	**91.7%**	**91.0%**	**96.0%**	**90.3%**	**94.1%**	**94.2%**	**94.1%**	**92.2%**

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	223	189	220	186	218	190	253	224
Total sirens-tests	224	192	224	192	224	192	256	224
Indicator value	**99.1%**	**98.8%**	**98.9%**	**98.3%**	**97.7%**	**97.8%**	**98.0%**	**98.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

1Q/03: 4th Quarter 2002 Quarterly Report documented Unit 1 data as the site total data. Number of technical specification high radiation area occurrences during November 2002 revised to reflect the site total.

4Q/02: 4th Quarter 2002 Quarterly Report documented Unit 1 data as the site total data. Number of technical specification high radiation area occurrences during November revised to reflect the site total.

4Q/02: 4th Quarter 2002 Quarterly Report documented Unit 1 data as the site total data. Number of technical specification high radiation area occurrences during November revised to reflect the site total.

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

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	106.10	145.80	143.90	77.50	139.70	107.90	82.10	76.90
CCTV compensatory hours	41.4	66.3	16.6	11.9	41.3	97.0	4.8	11.9
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.034**	**0.035**	**0.029**	**0.018**	**0.019**	**0.019**	**0.017**	**0.017**

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: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 30, 2003

South Texas 2

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	0	0	0	1.0	1.0	1.0	0	0
Critical hours	2208.0	2072.6	2160.0	2114.9	2181.2	287.6	546.8	2183.0
Indicator value	**2.6**	**2.7**	**0.8**	**0.8**	**1.6**	**3.1**	**4.1**	**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/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**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	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	2072.6	2160.0	2114.9	2181.2	287.6	546.8	2183.0
Indicator value	**1.7**	**2.7**	**1.6**	**0.8**	**0.8**	**0**	**0**	**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	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	8.30	53.20	18.47	44.00	15.50	0	12.52	0
Unplanned unavailable hours	0	0	0	26.43	0	0	0	0
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	4.20	21.30	39.10	20.55	18.00	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	21.90	0	33.33	0	12.95	0	0	15.10
Unplanned unavailable hours	0	0	0	132.73	0	0	0	7.43
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	**1.0%**	**1.1%**	**0.8%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**

Licensee Comments:

2Q/03: Corrections made to the planned unavailable hours taking credit for maintenance overhaul hours for the

following dates: 1st Qtr 2000, February, Train 3 - 2nd Qtr 2000, May, Train 2 - 4th Qtr 2000, December, Train 1 - 4th Qtr 2001, December, Train 2 - 3rd Qtr, June, Train 3

2Q/02: Corrected June Train 3 planned unavailable hours to reflect credit for maintenance overhaul hours. Identified and corrected minor error in "Hours train required for service during the month" in 4/2002 data. Does not change color of indicator.

4Q/01: Corrected December Train 2 planned unavailable hours to reflect credit for maintenance overhaul hours.

4Q/00: Corrected December Train 1 planned unavailable hours to reflect credit for maintenance overhaul hours.

2Q/00: Corrected May Train 2 hours to reflect credit for maintenance overhaul hours.

1Q/00: Corrected Train 3 hours to reflect credit for maintenance overhaul hours

---

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	35.00	14.80	1.20	18.77	52.87	0	0.42	13.02
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	2208.00	2072.60	2160.00	2183.00	2208.00	445.52	1205.61	2183.00
Train 2								
Planned unavailable hours	17.70	0.50	11.50	14.50	38.43	0	0	19.30
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	2072.60	2160.00	2183.00	2208.00	445.52	1205.61	2183.00
Train 3								
Planned unavailable hours	51.90	0	14.88	63.13	89.79	0	0.58	46.92
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	2072.60	2160.00	2183.00	2208.00	445.52	1205.61	2183.00
Indicator value	**1.0%**	**0.9%**	**1.0%**	**1.1%**	**1.2%**	**1.3%**	**1.0%**	**1.1%**

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	6.50	7.60	12.57	0	0	0	0	1.83
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	2072.60	2160.00	2183.00	2208.00	417.52	1183.57	2183.00
Train 2								
Planned unavailable hours	10.00	6.30	0	19.67	4.50	0	0	11.52
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	2072.60	2160.00	2183.00	2208.00	417.52	1183.57	2183.00
Train 3								
Planned unavailable hours	14.50	17.90	6.38	0	19.26	0	11.55	22.68
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	2208.00	2072.60	2160.00	2183.00	2208.00	417.52	1183.57	2183.00
Train 4								
Planned unavailable hours	22.70	27.70	40.82	12.65	0	0	0	19.75
Unplanned unavailable hours	0	0	0	11.35	0	9.52	0	0
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	2072.60	2160.00	2183.00	2208.00	417.52	1183.57	2183.00
Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**

Licensee Comments:

2Q/03: Corrections made to the planned unavailable hours taking credit for maintenance overhaul hours for the 1st Qtr 2001, January, Train 4.

1Q/01: Corrected January Train 4 planned unavailable hours to reflect credit for maintenance overhaul hours.

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	35.00	0.80	1.20	43.17	52.87	0	0.42	3.80
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	1251.95	2160.00	2183.00
Train 2								
Planned unavailable hours	0.40	0.50	25.00	49.62	83.03	0	0	19.30
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	2183.00	2208.00	1251.95	2160.00	2183.00
Train 3								
Planned unavailable hours	4.50	0	21.30	63.13	109.53	0	0.58	61.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1251.95	2160.00	2183.00
Indicator value	**1.0%**	**1.0%**	**1.1%**	**1.1%**	**1.2%**	**1.2%**	**1.0%**	**1.0%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0.000095	0.000089	0.000097	0.000095	0.000094	0.000101	0.000106	0.000119	0.000109	0.000112	0.000112	0.000108
Technical specification limit	1.0	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	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.000117	0.000116	0.000123	0	0	0.000057	N/A	N/A	0.000051	0.000072	0.000060	0.000072
Technical specification limit	1.0	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**	**N/A**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.295	0.289	0.310	0.283	0.294	0.309	0.329	0.331	0.317	0.325	0.344	0.351
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.0**	**2.9**	**3.1**	**2.8**	**2.9**	**3.1**	**3.3**	**3.3**	**3.2**	**3.3**	**3.4**	**3.5**

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	0.361	0.415	0.458	0.410	0	0.302	0.417	N/A	0.168	0.069	0.053	0.145
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.6**	**4.2**	**4.6**	**4.1**	**0**	**3.0**	**4.2**	**N/A**	**1.7**	**0.7**	**0.5**	**1.5**

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	19.0	78.0	33.0	28.0	33.0	0	0	61.0
Total opportunities	20.0	80.0	37.0	28.0	34.0	0	0	67.0
Indicator value	**95.8%**	**96.0%**	**94.3%**	**95.0%**	**95.1%**	**95.3%**	**95.3%**	**94.7%**

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	111.0	120.0	112.0	111.0	113.0	111.0	107.0	111.0
Total Key personnel	122.0	125.0	124.0	118.0	120.0	118.0	116.0	113.0
Indicator value	**91.0%**	**96.0%**	**90.3%**	**94.1%**	**94.2%**	**94.1%**	**92.2%**	**98.2%**

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	189	220	186	218	190	253	224	192
Total sirens-tests	192	224	192	224	192	256	224	192
Indicator value	**98.8%**	**98.9%**	**98.3%**	**97.7%**	**97.8%**	**98.0%**	**98.8%**	**99.4%**

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	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

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	145.80	143.90	77.50	139.70	107.90	82.10	76.90	76.40
CCTV compensatory hours	66.3	16.6	11.9	41.3	97.0	4.8	11.9	14.5
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.035**	**0.029**	**0.018**	**0.019**	**0.019**	**0.017**	**0.017**	**0.015**

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

South Texas 2

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	1.0	1.0	1.0	0	0	0
Critical hours	2072.6	2160.0	2114.9	2181.2	287.6	546.8	2183.0	2208.0
Indicator value	**2.7**	**0.8**	**0.8**	**1.6**	**3.1**	**4.1**	**2.7**	**1.3**

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/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	1.0	0	0	0	0	0	0	0
Critical hours	2072.6	2160.0	2114.9	2181.2	287.6	546.8	2183.0	2208.0
Indicator value	**2.7**	**1.6**	**0.8**	**0.8**	**0**	**0**	**0**	**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	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	53.20	18.47	44.00	15.50	0	12.52	0	20.90
Unplanned unavailable hours	0	0	26.43	0	0	0	0	0
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	21.30	39.10	20.55	18.00	0	0	0	39.74
Unplanned unavailable hours	0	0	0	0	0	0	0	34.18
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	0	33.33	0	12.95	0	0	15.10	44.83
Unplanned unavailable hours	0	0	132.73	0	0	0	7.43	0
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	**1.1%**	**0.8%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.1%**

Licensee Comments:

3Q/03: Corrected 2nd Qtr 2003 May Train 3 to reflect 4.5 hours unplanned unavailable hours due to ECW pump

2C rework of packing after pump was declared operable.

2Q/03: Corrected 2nd Qtr 2003 May Train 3 to reflect 4.5 hours unplanned unavailable hours due to ECW pump 2C rework of packing after pump was declared operable. Corrections made to the planned unavailable hours taking credit for maintenance overhaul hours for the following dates: 1st Qtr 2000, February, Train 3 - 2nd Qtr 2000, May, Train 2 - 4th Qtr 2000, December, Train 1 - 4th Qtr 2001, December, Train 2 - 3rd Qtr, June, Train 3

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	14.80	1.20	18.77	52.87	0	0.42	13.02	9.08
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	2072.60	2160.00	2183.00	2208.00	445.52	1205.61	2183.00	2208.00
Train 2								
Planned unavailable hours	0.50	11.50	14.50	38.43	0	0	19.30	23.93
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	2072.60	2160.00	2183.00	2208.00	445.52	1205.61	2183.00	2208.00

Train 3								
Planned unavailable hours	0	14.88	63.13	89.79	0	0.58	46.92	14.87
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	2072.60	2160.00	2183.00	2208.00	445.52	1205.61	2183.00	2208.00
Indicator value	**0.9%**	**1.0%**	**1.1%**	**1.2%**	**1.3%**	**1.0%**	**1.1%**	**1.1%**

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	7.60	12.57	0	0	0	0	1.83	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	2072.60	2160.00	2183.00	2208.00	417.52	1183.57	2183.00	2208.00
Train 2								
Planned unavailable hours	6.30	0	19.67	4.50	0	0	11.52	45.45

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	2072.60	2160.00	2183.00	2208.00	417.52	1183.57	2183.00	2208.00
Train 3								
Planned unavailable hours	17.90	6.38	0	19.26	0	11.55	22.68	33.67
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	2072.60	2160.00	2183.00	2208.00	417.52	1183.57	2183.00	2208.00
Train 4								
Planned unavailable hours	27.70	40.82	12.65	0	0	0	19.75	27.75
Unplanned unavailable hours	0	0	11.35	0	9.52	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2072.60	2160.00	2183.00	2208.00	417.52	1183.57	2183.00	2208.00
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**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/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0.80	1.20	43.17	52.87	0	0.42	3.80	14.42
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	1251.95	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.50	25.00	49.62	83.03	0	0	19.30	0.65
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	1251.95	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	21.30	63.13	109.53	0	0.58	61.00	18.32
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	1251.95	2160.00	2183.00	2208.00
Indicator value	**1.0%**	**1.1%**	**1.1%**	**1.2%**	**1.2%**	**1.0%**	**1.0%**	**1.0%**

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

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	0.000095	0.000094	0.000101	0.000106	0.000119	0.000109	0.000112	0.000112	0.000108	0.000117	0.000116	0.000123
Technical specification limit	1.0	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	10/02	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	0	0.000057	N/A	N/A	0.000051	0.000072	0.000060	0.000072	0.000065	0.000072	0.000075
Technical specification limit	1.0	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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.283	0.294	0.309	0.329	0.331	0.317	0.325	0.344	0.351	0.361	0.415	0.458
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.8**	**2.9**	**3.1**	**3.3**	**3.3**	**3.2**	**3.3**	**3.4**	**3.5**	**3.6**	**4.2**	**4.6**

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	0.410	0	0.302	0.417	N/A	0.168	0.069	0.053	0.145	0.168	0.091	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	**4.1**	**0**	**3.0**	**4.2**	**N/A**	**1.7**	**0.7**	**0.5**	**1.5**	**1.7**	**0.9**	**0.9**

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	78.0	33.0	28.0	33.0	0	0	61.0	10.0
Total opportunities	80.0	37.0	28.0	34.0	0	0	67.0	12.0
Indicator value	**96.0%**	**94.3%**	**95.0%**	**95.1%**	**95.3%**	**95.3%**	**94.7%**	**94.2%**

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	120.0	112.0	111.0	113.0	111.0	107.0	111.0	110.0
Total Key personnel	125.0	124.0	118.0	120.0	118.0	116.0	113.0	111.0
Indicator value	**96.0%**	**90.3%**	**94.1%**	**94.2%**	**94.1%**	**92.2%**	**98.2%**	**99.1%**

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	220	186	218	190	253	224	192	215
Total sirens-tests	224	192	224	192	256	224	192	224
Indicator value	**98.9%**	**98.3%**	**97.7%**	**97.8%**	**98.0%**	**98.8%**	**99.4%**	**98.7%**

Licensee Comments: none

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	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

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	143.90	77.50	139.70	107.90	82.10	76.90	76.40	133.80
CCTV compensatory hours	16.6	11.9	41.3	97.0	4.8	11.9	14.5	35.9
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.029**	**0.018**	**0.019**	**0.019**	**0.017**	**0.017**	**0.015**	**0.013**

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

South Texas 2

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	1.0	1.0	1.0	0	0	0	0
Critical hours	2160.0	2114.9	2181.2	287.6	546.8	2183.0	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**1.6**	**3.1**	**4.1**	**2.7**	**1.3**	**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/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

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2160.0	2114.9	2181.2	287.6	546.8	2183.0	2208.0	2209.0
Indicator value	**1.6**	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**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/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	18.47	44.00	15.50	0	12.52	0	20.90	27.47
Unplanned unavailable hours	0	26.43	0	0	0	0	0	0
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	2208.00
Train 2								
Planned unavailable hours	39.10	20.55	18.00	0	0	0	39.74	20.02
Unplanned unavailable hours	0	0	0	0	0	0	34.18	563.12
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2208.00
Train 3								
Planned unavailable hours	33.33	0	12.95	0	0	15.10	44.83	40.62
Unplanned unavailable hours	0	132.73	0	0	0	7.43	0	0
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	2208.00
Indicator value	**0.8%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.1%**	**1.9%**

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/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	1.20	18.77	52.87	0	0.42	13.02	9.08	23.45
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	445.52	1205.61	2183.00	2208.00	2208.00
Train 2								
Planned unavailable hours	11.50	14.50	38.43	0	0	19.30	23.93	26.92
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	445.52	1205.61	2183.00	2208.00	2208.00
Train 3								
Planned unavailable hours	14.88	63.13	89.79	0	0.58	46.92	14.87	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	2160.00	2183.00	2208.00	445.52	1205.61	2183.00	2208.00	2208.00

Indicator value	1.0%	1.1%	1.2%	1.3%	1.0%	1.1%	1.1%	1.1%

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	12.57	0	0	0	0	1.83	0	22.55
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	2160.00	2183.00	2208.00	417.52	1183.57	2183.00	2208.00	2208.00
Train 2								
Planned unavailable hours	0	19.67	4.50	0	0	11.52	45.45	89.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	417.52	1183.57	2183.00	2208.00	2208.00
Train 3								
Planned unavailable hours	6.38	0	19.26	0	11.55	22.68	33.67	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	417.52	1183.57	2183.00	2208.00	2208.00
Train 4								
Planned unavailable hours	40.82	12.65	0	0	0	19.75	27.75	13.40
Unplanned unavailable hours	0	11.35	0	9.52	0	0	0	0
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	417.52	1183.57	2183.00	2208.00	2208.00
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**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	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	1.20	43.17	52.87	0	0.42	3.80	14.42	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	1251.95	2160.00	2183.00	2208.00	2208.00
Train 2								
Planned unavailable hours	25.00	49.62	83.03	0	0	19.30	0.65	26.92
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	1251.95	2160.00	2183.00	2208.00	2208.00
Train 3								
Planned unavailable hours	21.30	63.13	109.53	0	0.58	61.00	18.32	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	1251.95	2160.00	2183.00	2208.00	2208.00
Indicator value	**1.1%**	**1.1%**	**1.2%**	**1.2%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/02**	**2/02**	**3/02**	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**
Maximum activity	0.000106	0.000119	0.000109	0.000112	0.000112	0.000108	0.000117	0.000116	0.000123	0	0	0.000057
Technical specification limit	1.0	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	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum activity	N/A	N/A	0.000051	0.000072	0.000060	0.000072	0.000065	0.000072	0.000075	0.000074	0.000072	0.000076
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	0.329	0.331	0.317	0.325	0.344	0.351	0.361	0.415	0.458	0.410	0	0.302
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.3**	**3.3**	**3.2**	**3.3**	**3.4**	**3.5**	**3.6**	**4.2**	**4.6**	**4.1**	**0**	**3.0**

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	0.417	N/A	0.168	0.069	0.053	0.145	0.168	0.091	0.087	0.238	0.068	0.084
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**4.2**	**N/A**	**1.7**	**0.7**	**0.5**	**1.5**	**1.7**	**0.9**	**0.9**	**2.4**	**0.7**	**0.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	33.0	28.0	33.0	0	0	61.0	10.0	171.0
Total opportunities	37.0	28.0	34.0	0	0	67.0	12.0	176.0
Indicator value	**94.3%**	**95.0%**	**95.1%**	**95.3%**	**95.3%**	**94.7%**	**94.2%**	**94.9%**

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	112.0	111.0	113.0	111.0	107.0	111.0	110.0	104.0
Total Key personnel	124.0	118.0	120.0	118.0	116.0	113.0	111.0	110.0
Indicator value	**90.3%**	**94.1%**	**94.2%**	**94.1%**	**92.2%**	**98.2%**	**99.1%**	**94.5%**

Licensee Comments: none

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	186	218	190	253	224	192	215	223
Total sirens-tests	192	224	192	256	224	192	224	224
Indicator value	**98.3%**	**97.7%**	**97.8%**	**98.0%**	**98.8%**	**99.4%**	**98.7%**	**98.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
High radiation area occurrences	0	0	0	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	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	77.50	139.70	107.90	82.10	76.90	76.40	133.80	69.70
CCTV compensatory hours	11.9	41.3	97.0	4.8	11.9	14.5	35.9	6.9
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.018**	**0.019**	**0.019**	**0.017**	**0.017**	**0.015**	**0.013**	**0.012**

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

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

South Texas 2

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	1.0	1.0	1.0	0	0	0	0	0
Critical hours	2114.9	2181.2	287.6	546.8	2183.0	2208.0	2209.0	2184.0
Indicator value	**0.8**	**1.6**	**3.1**	**4.1**	**2.7**	**1.3**	**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/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**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2114.9	2181.2	287.6	546.8	2183.0	2208.0	2209.0	2184.0
Indicator value	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**	**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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	44.00	15.50	0	12.52	0	20.90	27.47	0
Unplanned unavailable hours	26.43	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	2208.00	2184.00
Train 2								
Planned unavailable hours	20.55	18.00	0	0	0	39.74	20.02	0
Unplanned unavailable hours	0	0	0	0	0	34.18	563.12	229.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2208.00	2184.00
Train 3								
Planned unavailable hours	0	12.95	0	0	15.10	44.83	40.62	0
Unplanned unavailable hours	132.73	0	0	0	7.43	0	0	0
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	2208.00	2184.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.1%**	**1.9%**	**2.1%**

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)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	18.77	52.87	0	0.42	13.02	9.08	23.45	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	445.52	1205.61	2183.00	2208.00	2208.00	2170.23
Train 2								
Planned unavailable hours	14.50	38.43	0	0	19.30	23.93	26.92	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	2183.00	2208.00	445.52	1205.61	2183.00	2208.00	2208.00	2170.23
Train 3								
Planned unavailable hours	63.13	89.79	0	0.58	46.92	14.87	0.77	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	445.52	1205.61	2183.00	2208.00	2208.00	2170.23
Indicator value	**1.1%**	**1.2%**	**1.3%**	**1.0%**	**1.1%**	**1.1%**	**1.1%**	**1.0%**

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	0	0	0	0	1.83	0	22.55	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	417.52	1183.57	2183.00	2208.00	2208.00	2167.62
Train 2								
Planned unavailable hours	19.67	4.50	0	0	11.52	45.45	89.30	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	2183.00	2208.00	417.52	1183.57	2183.00	2208.00	2208.00	2167.62
Train 3								
Planned unavailable hours	0	19.26	0	11.55	22.68	33.67	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	417.52	1183.57	2183.00	2208.00	2208.00	2167.62
Train 4								
Planned unavailable hours	12.65	0	0	0	19.75	27.75	13.40	0
Unplanned unavailable hours	11.35	0	9.52	0	0	0	0	0
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	417.52	1183.57	2183.00	2208.00	2208.00	2167.62
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**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	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	43.17	52.87	0	0.42	3.80	14.42	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	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00
Train 2								
Planned unavailable hours	49.62	83.03	0	0	19.30	0.65	26.92	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	2183.00	2208.00	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00
Train 3								
Planned unavailable hours	63.13	109.53	0	0.58	61.00	18.32	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	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00
Indicator value	**1.1%**	**1.2%**	**1.2%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.8%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

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	0.000112	0.000112	0.000108	0.000117	0.000116	0.000123	0	0	0.000057	N/A	N/A	0.000051
Technical specification limit	1.0	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**	**N/A**	**0**

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	0.000072	0.000060	0.000072	0.000065	0.000072	0.000075	0.000074	0.000072	0.000076	0.000078	0.000082	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**	**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	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**
Maximum leakage	0.325	0.344	0.351	0.361	0.415	0.458	0.410	0	0.302	0.417	N/A	0.168
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.3**	**3.4**	**3.5**	**3.6**	**4.2**	**4.6**	**4.1**	**0**	**3.0**	**4.2**	**N/A**	**1.7**

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	0.069	0.053	0.145	0.168	0.091	0.087	0.238	0.068	0.084	0.074	0.173	0.236
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.5**	**1.5**	**1.7**	**0.9**	**0.9**	**2.4**	**0.7**	**0.8**	**0.7**	**1.7**	**2.4**

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	28.0	33.0	0	0	61.0	10.0	134.0	8.0
Total opportunities	28.0	34.0	0	0	67.0	12.0	138.0	8.0
Indicator value	**95.0%**	**95.1%**	**95.3%**	**95.3%**	**94.7%**	**94.2%**	**94.6%**	**95.5%**

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	111.0	113.0	111.0	107.0	111.0	110.0	104.0	106.0
Total Key personnel	118.0	120.0	118.0	116.0	113.0	111.0	110.0	117.0
Indicator value	**94.1%**	**94.2%**	**94.1%**	**92.2%**	**98.2%**	**99.1%**	**94.5%**	**90.6%**

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	218	190	253	224	192	215	223	192
Total sirens-tests	224	192	256	224	192	224	224	192
Indicator value	**97.7%**	**97.8%**	**98.0%**	**98.8%**	**99.4%**	**98.7%**	**98.8%**	**98.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
High radiation area occurrences	0	0	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	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
IDS compensatory hours	139.70	107.90	82.10	76.90	76.40	133.80	69.70	203.70
CCTV compensatory hours	41.3	97.0	4.8	11.9	14.5	35.9	6.9	5.4
IDS normalization factor	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	**0.019**	**0.019**	**0.017**	**0.017**	**0.015**	**0.013**	**0.012**	**0.015**

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

South Texas 2

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	1.0	1.0	0	0	0	0	0	0
Critical hours	2181.2	287.6	546.8	2183.0	2208.0	2209.0	2184.0	1561.6
Indicator value	**1.6**	**3.1**	**4.1**	**2.7**	**1.3**	**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/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**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2181.2	287.6	546.8	2183.0	2208.0	2209.0	2184.0	1561.6
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	15.50	0	12.52	0	20.90	27.47	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	2208.00	2184.00	2183.00
Train 2								
Planned unavailable hours	18.00	0	0	0	39.74	20.02	0	14.78
Unplanned unavailable hours	0	0	0	0	34.18	563.12	229.00	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	2208.00	2209.00	2160.00	2183.00	2208.00	2208.00	2184.00	2183.00
Train 3								
Planned unavailable hours	12.95	0	0	15.10	44.83	40.62	0	0
Unplanned unavailable hours	0	0	0	7.43	0	0	0	0
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	2208.00	2184.00	2183.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.1%**	**1.9%**	**2.1%**	**2.0%**

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)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	52.87	0	0.42	13.02	9.08	23.45	0	14.38
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	445.52	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63
Train 2								
Planned unavailable hours	38.43	0	0	19.30	23.93	26.92	0.37	1.57
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	2208.00	445.52	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63
Train 3								
Planned unavailable hours	89.79	0	0.58	46.92	14.87	0.77	0	42.83
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	445.52	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63
Indicator value	**1.2%**	**1.3%**	**1.0%**	**1.1%**	**1.1%**	**1.1%**	**1.0%**	**1.0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0	0	0	1.83	0	22.55	0	39.20
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	2208.00	417.52	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82
Train 2								
Planned unavailable hours	4.50	0	0	11.52	45.45	89.30	0	21.73
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	2208.00	417.52	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82
Train 3								
Planned unavailable hours	19.26	0	11.55	22.68	33.67	0	0	43.15
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	2208.00	417.52	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82
Train 4								
Planned unavailable hours	0	0	0	19.75	27.75	13.40	0	6.63
Unplanned unavailable hours	0	9.52	0	0	0	0	0	10.77
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	417.52	1183.57	2183.00	2208.00	2208.00	2167.62	1584.82
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.6%**	**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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	52.87	0	0.42	3.80	14.42	0	0	50.26
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	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00	2136.40
Train 2								
Planned unavailable hours	83.03	0	0	19.30	0.65	26.92	0.37	1.57
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	2208.00	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00	2136.40
Train 3								
Planned unavailable hours	109.53	0	0.58	61.00	18.32	0	0	43.46
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	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00	2136.60
Indicator value	**1.2%**	**1.2%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.8%**	**1.0%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.000117	0.000116	0.000123	0	0	0.000057	N/A	N/A	0.000051	0.000072	0.000060	0.000072
Technical specification limit	1.0	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**	**N/A**	**0**	**0**	**0**	**0**

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	0.000065	0.000072	0.000075	0.000074	0.000072	0.000076	0.000078	0.000082	0.000084	0	0.000091	0.000051
Technical specification limit	1.0	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	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**
Maximum leakage	0.361	0.415	0.458	0.410	0	0.302	0.417	N/A	0.168	0.069	0.053	0.145
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**3.6**	**4.2**	**4.6**	**4.1**	**0**	**3.0**	**4.2**	**N/A**	**1.7**	**0.7**	**0.5**	**1.5**

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	0.168	0.091	0.087	0.238	0.068	0.084	0.074	0.173	0.236	0.097	0.097	0.074
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.7**	**0.9**	**0.9**	**2.4**	**0.7**	**0.8**	**0.7**	**1.7**	**2.4**	**1.0**	**1.0**	**0.7**

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	33.0	0	0	61.0	10.0	134.0	8.0	73.0
Total opportunities	34.0	0	0	67.0	12.0	138.0	8.0	76.0
Indicator value	**95.1%**	**95.3%**	**95.3%**	**94.7%**	**94.2%**	**94.6%**	**95.5%**	**95.2%**

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	113.0	111.0	107.0	111.0	110.0	104.0	106.0	108.0
Total Key personnel	120.0	118.0	116.0	113.0	111.0	110.0	117.0	117.0
Indicator value	**94.2%**	**94.1%**	**92.2%**	**98.2%**	**99.1%**	**94.5%**	**90.6%**	**92.3%**

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	190	253	224	192	215	223	192	223
Total sirens-tests	192	256	224	192	224	224	192	224
Indicator value	**97.8%**	**98.0%**	**98.8%**	**99.4%**	**98.7%**	**98.8%**	**98.8%**	**98.7%**

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	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	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.

South Texas 2

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	0	0	0	0	0
Critical hours	287.6	546.8	2183.0	2208.0	2209.0	2160.6	1561.6	2208.0
Indicator value	**3.1**	**4.1**	**2.7**	**1.3**	**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/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**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	287.6	546.8	2183.0	2208.0	2209.0	2160.6	1561.6	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	12.52	0	20.90	27.47	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	2208.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0	39.74	20.02	0	14.78	16.25
Unplanned unavailable hours	0	0	0	34.18	563.12	229.00	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	2209.00	2160.00	2183.00	2208.00	2208.00	2184.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	15.10	44.83	40.62	0	0	16.24
Unplanned unavailable hours	0	0	7.43	0	0	0	0	0
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	2208.00	2184.00	2183.00	2208.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**1.1%**	**1.9%**	**2.1%**	**2.0%**	**1.9%**

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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	0.42	13.02	9.08	23.45	0	14.38	13.92
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	445.52	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63	2208.00
Train 2								
Planned unavailable hours	0	0	19.30	23.93	26.92	0.37	1.57	17.41
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	445.52	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63	2208.00
Train 3								
Planned unavailable hours	0	0.58	46.92	14.87	0.77	0	42.83	14.97
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	445.52	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63	2208.00
Indicator value	**1.3%**	**1.0%**	**1.1%**	**1.1%**	**1.1%**	**1.0%**	**1.0%**	**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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	0	1.83	0	22.55	0	39.20	21.23
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	417.52	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82	2208.00
Train 2								
Planned unavailable hours	0	0	11.52	45.45	89.30	0	21.73	12.76
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	417.52	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82	2208.00
Train 3								
Planned unavailable hours	0	11.55	22.68	33.67	0	0	43.15	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	417.52	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82	2208.00
Train 4								
Planned unavailable hours	0	0	19.75	27.75	13.40	0	6.63	33.10
Unplanned unavailable hours	9.52	0	0	0	0	0	10.77	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	417.52	1183.57	2183.00	2208.00	2208.00	2167.62	1584.82	2208.00
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**

Licensee Comments: none

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	0.42	3.80	14.42	0	0	50.26	0.65
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	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00	2136.40	2208.00
Train 2								
Planned unavailable hours	0	0	19.30	0.65	26.92	0.37	1.57	12.72
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	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00	2136.40	2208.00
Train 3								
Planned unavailable hours	0	0.58	61.00	18.32	0	0	43.46	14.97
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	1251.95	2160.00	2183.00	2208.00	2208.00	2184.00	2136.60	2208.00
Indicator value	**1.2%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.8%**	**1.0%**	**0.9%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0	0	0.000057	N/A	N/A	0.000051	0.000072	0.000060	0.000072	0.000065	0.000072	0.000075
Technical specification limit	1.0	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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000074	0.000072	0.000076	0.000078	0.000082	0.000084	0	0.000091	0.000051	0.000049	0.000052	0.000054
Technical specification limit	1.0	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	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**
Maximum leakage	0.410	0	0.302	0.417	N/A	0.168	0.069	0.053	0.145	0.168	0.091	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	**4.1**	**0**	**3.0**	**4.2**	**N/A**	**1.7**	**0.7**	**0.5**	**1.5**	**1.7**	**0.9**	**0.9**

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	0.238	0.068	0.084	0.074	0.173	0.236	0.097	0.097	0.074	0.081	0.083	0.082
Technical specification limit	10.0	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**	**0.7**	**0.8**	**0.7**	**1.7**	**2.4**	**1.0**	**1.0**	**0.7**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	0	0	61.0	10.0	134.0	8.0	73.0	23.0
Total opportunities	0	0	67.0	12.0	138.0	8.0	76.0	24.0
Indicator value	**95.3%**	**95.3%**	**94.7%**	**94.2%**	**94.6%**	**95.5%**	**95.2%**	**95.1%**

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	111.0	107.0	111.0	110.0	104.0	106.0	108.0	110.0
Total Key personnel	118.0	116.0	113.0	113.0	112.0	119.0	119.0	115.0
Indicator value	**94.1%**	**92.2%**	**98.2%**	**97.3%**	**92.9%**	**89.1%**	**90.8%**	**95.7%**

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	253	224	192	215	223	192	223	192
Total sirens-tests	256	224	192	224	224	192	224	192
Indicator value	**98.0%**	**98.8%**	**99.4%**	**98.7%**	**98.8%**	**98.8%**	**98.7%**	**99.8%**

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	1	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

South Texas 2

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	0	0	0	0	0	0
Critical hours	546.8	2183.0	2208.0	2209.0	2160.6	1561.6	2208.0	2209.0
Indicator value	**4.1**	**2.7**	**1.3**	**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/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**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	546.8	2183.0	2208.0	2209.0	2160.6	1561.6	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	12.52	0	20.90	27.47	0	0	0	21.02
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	2208.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	39.74	20.02	0	14.78	16.25	10.83
Unplanned unavailable hours	0	0	34.18	563.12	229.00	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	2160.00	2183.00	2208.00	2208.00	2184.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	15.10	44.83	40.62	0	0	16.24	12.20
Unplanned unavailable hours	0	7.43	0	0	0	0	0	0
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	2208.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**1.0%**	**1.0%**	**1.1%**	**1.9%**	**2.1%**	**2.0%**	**1.9%**	**1.9%**

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/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0.42	13.02	9.08	23.45	0	14.38	13.92	11.83
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	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63	2208.00	2209.00
Train 2								
Planned unavailable hours	0	19.30	23.93	26.92	0.37	1.57	17.41	14.45
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	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63	2208.00	2209.00
Train 3								
Planned unavailable hours	0.58	46.92	14.87	0.77	0	42.83	14.97	14.83
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	1205.61	2183.00	2208.00	2208.00	2170.23	1614.63	2208.00	2209.00
Indicator value	**1.0%**	**1.1%**	**1.1%**	**1.1%**	**1.0%**	**1.0%**	**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/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0	1.83	0	22.55	0	39.20	21.23	7.44
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	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82	2208.00	2209.00
Train 2								
Planned unavailable hours	0	11.52	45.45	89.30	0	21.73	12.76	14.20
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	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82	2208.00	2209.00
Train 3								
Planned unavailable hours	11.55	22.68	33.67	0	0	43.15	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	1183.57	2183.00	2208.00	2208.00	2167.62	1607.82	2208.00	2209.00
Train 4								
Planned unavailable hours	0	19.75	27.75	13.40	0	6.63	33.10	26.37
Unplanned unavailable hours	0	0	0	0	0	10.77	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1183.57	2183.00	2208.00	2208.00	2167.62	1584.82	2208.00	2209.00
Indicator value	**0.5%**	**0.5%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.7%**

Licensee Comments: none

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	0.42	3.80	14.42	0	0	50.26	0.65	0.48
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	2208.00	2184.00	2136.40	2208.00	2209.00
Train 2								
Planned unavailable hours	0	19.30	0.65	26.92	0.37	1.57	12.72	12.63
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	2208.00	2184.00	2136.40	2208.00	2209.00
Train 3								
Planned unavailable hours	0.58	61.00	18.32	0	0	43.46	14.97	14.83
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	2208.00	2184.00	2136.60	2208.00	2209.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.8%**	**1.0%**	**0.9%**	**1.0%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

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	N/A	N/A	0.000051	0.000072	0.000060	0.000072	0.000065	0.000072	0.000075	0.000074	0.000072	0.000076
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**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	0.000078	0.000082	0.000084	0	0.000091	0.000051	0.000049	0.000052	0.000054	0.000060	0.000061	0.000063
Technical specification limit	1.0	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	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum leakage	0.417	N/A	0.168	0.069	0.053	0.145	0.168	0.091	0.087	0.238	0.068	0.084
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**4.2**	**N/A**	**1.7**	**0.7**	**0.5**	**1.5**	**1.7**	**0.9**	**0.9**	**2.4**	**0.7**	**0.8**

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	0.074	0.173	0.236	0.097	0.097	0.074	0.081	0.083	0.082	0.051	0.079	0.104
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**1.7**	**2.4**	**1.0**	**1.0**	**0.7**	**0.8**	**0.8**	**0.8**	**0.5**	**0.8**	**1.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	0	61.0	10.0	134.0	8.0	73.0	23.0	6.0
Total opportunities	0	67.0	12.0	138.0	8.0	76.0	24.0	6.0
Indicator value	**95.3%**	**94.7%**	**94.2%**	**94.6%**	**95.5%**	**95.2%**	**95.1%**	**95.2%**

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	107.0	111.0	110.0	104.0	106.0	108.0	110.0	109.0
Total Key personnel	116.0	113.0	113.0	112.0	119.0	119.0	115.0	114.0
Indicator value	**92.2%**	**98.2%**	**97.3%**	**92.9%**	**89.1%**	**90.8%**	**95.7%**	**95.6%**

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	224	192	215	223	192	223	192	223
Total sirens-tests	224	192	224	224	192	224	192	224
Indicator value	**98.8%**	**99.4%**	**98.7%**	**98.8%**	**98.8%**	**98.7%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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

South Texas 2

1Q/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	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2160.6	1561.6	2208.0	2209.0	1988.6
Indicator value	**2.7**	**1.3**	**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	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	**2.0**	**2.0**	**2.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments:

1Q/05: FAQ 346 has been withdrawn. The December 15, 2002 reactor trip has been added to the indicator.

4Q/02: On 12/15/02, the reactor was manually tripped, and we made a decision to break condenser vacuum. We did not believe this event should count in this indicator, and we submitted a FAQ for clarification. 1Q2005 - We retracted the FAQ, and re-submitted the event which was classified as scram in which the normal heat removal path through the main condenser was lost.

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2183.0	2208.0	2209.0	2160.6	1561.6	2208.0	2209.0	1988.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

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	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	0	20.90	27.47	0	0	0	21.02	12.83
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	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	39.74	20.02	0	14.78	16.25	10.83	18.90
Unplanned unavailable hours	0	34.18	563.12	229.00	0	0	0	0
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	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	15.10	44.83	40.62	0	0	16.24	12.20	34.00
Unplanned unavailable hours	7.43	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	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.0%**	**1.1%**	**1.9%**	**2.1%**	**2.0%**	**1.9%**	**1.9%**	**1.9%**

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)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	13.02	9.08	23.45	0	14.38	13.92	11.83	48.80
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	2208.00	2170.23	1614.63	2208.00	2209.00	2032.75
Train 2								
Planned unavailable hours	19.30	23.93	26.92	0.37	1.57	17.41	14.45	0.48
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	2208.00	2170.23	1614.63	2208.00	2209.00	2032.75
Train 3								
Planned unavailable hours	46.92	14.87	0.77	0	42.83	14.97	14.83	38.25
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	2208.00	2170.23	1614.63	2208.00	2209.00	2032.75
Indicator value	**1.1%**	**1.1%**	**1.1%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	1.83	0	22.55	0	39.20	21.23	7.44	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	2208.00	2167.62	1607.82	2208.00	2209.00	2024.43
Train 2								
Planned unavailable hours	11.52	45.45	89.30	0	21.73	12.76	14.20	26.55
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	2208.00	2208.00	2167.62	1607.82	2208.00	2209.00	2024.43
Train 3								
Planned unavailable hours	22.68	33.67	0	0	43.15	0	0	13.80
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	2208.00	2167.62	1607.82	2208.00	2209.00	2024.43
Train 4								
Planned unavailable hours	19.75	27.75	13.40	0	6.63	33.10	26.37	13.50
Unplanned unavailable hours	0	0	0	0	10.77	0	0	0
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	2208.00	2167.62	1584.82	2208.00	2209.00	2024.43
Indicator value	**0.5%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.7%**	**0.7%**

Licensee Comments: none

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	3.80	14.42	0	0	50.26	0.65	0.48	48.80
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	2208.00	2184.00	2136.40	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	19.30	0.65	26.92	0.37	1.57	12.72	12.63	0.48
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	2208.00	2184.00	2136.40	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	61.00	18.32	0	0	43.46	14.97	14.83	27.52
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	2208.00	2184.00	2136.60	2208.00	2209.00	2160.00
Indicator value	**1.0%**	**1.0%**	**0.9%**	**0.8%**	**1.0%**	**0.9%**	**1.0%**	**1.0%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

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	0.000072	0.000060	0.000072	0.000065	0.000072	0.000075	0.000074	0.000072	0.000076	0.000078	0.000082	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum activity	0	0.000091	0.000051	0.000049	0.000052	0.000054	0.000060	0.000061	0.000063	0.000062	0.000067	0.000068
Technical specification limit	1.0	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	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**
Maximum leakage	0.069	0.053	0.145	0.168	0.091	0.087	0.238	0.068	0.084	0.074	0.173	0.236
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.5**	**1.5**	**1.7**	**0.9**	**0.9**	**2.4**	**0.7**	**0.8**	**0.7**	**1.7**	**2.4**
Reactor Coolant System Leakage	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum leakage	0.097	0.097	0.074	0.081	0.083	0.082	0.051	0.079	0.104	0.050	0.048	0.051
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.0**	**0.7**	**0.8**	**0.8**	**0.8**	**0.5**	**0.8**	**1.0**	**0.5**	**0.5**	**0.5**

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	61.0	10.0	134.0	8.0	73.0	23.0	6.0	10.0
Total opportunities	67.0	12.0	138.0	8.0	76.0	24.0	6.0	10.0
Indicator value	**94.7%**	**94.2%**	**94.6%**	**95.5%**	**95.2%**	**95.1%**	**95.2%**	**95.3%**

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	111.0	110.0	104.0	106.0	108.0	110.0	109.0	109.0
Total Key personnel	113.0	113.0	112.0	119.0	119.0	115.0	114.0	115.0
Indicator value	**98.2%**	**97.3%**	**92.9%**	**89.1%**	**90.8%**	**95.7%**	**95.6%**	**94.8%**

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	192	215	223	192	223	192	223	191
Total sirens-tests	192	224	224	192	224	192	224	192
Indicator value	**99.4%**	**98.7%**	**98.8%**	**98.8%**	**98.7%**	**99.8%**	**99.8%**	**99.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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**	**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	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

South Texas 2

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	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.6	1561.6	2208.0	2209.0	1988.6	2183.0
Indicator value	**1.3**	**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	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	**2.0**	**2.0**	**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/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2160.6	1561.6	2208.0	2209.0	1988.6	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**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	20.90	27.47	0	0	0	21.02	12.83	15.18
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	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	39.74	20.02	0	14.78	16.25	10.83	18.90	15.52
Unplanned unavailable hours	34.18	563.12	229.00	0	0	0	0	0
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	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	44.83	40.62	0	0	16.24	12.20	34.00	29.92
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	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.1%**	**1.9%**	**2.1%**	**2.0%**	**1.9%**	**1.9%**	**1.9%**	**1.7%**

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)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	9.08	23.45	0	14.38	13.92	11.83	48.80	10.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2208.00	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00
Train 2								
Planned unavailable hours	23.93	26.92	0.37	1.57	17.41	14.45	0.48	14.32
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	2208.00	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00
Train 3								
Planned unavailable hours	14.87	0.77	0	42.83	14.97	14.83	38.25	5.54
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	2208.00	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00
Indicator value	**1.1%**	**1.1%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**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/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0	22.55	0	39.20	21.23	7.44	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	2208.00	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00
Train 2								
Planned unavailable hours	45.45	89.30	0	21.73	12.76	14.20	26.55	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	2208.00	2208.00	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00
Train 3								
Planned unavailable hours	33.67	0	0	43.15	0	0	13.80	22.30
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	2208.00	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00
Train 4								
Planned unavailable hours	27.75	13.40	0	6.63	33.10	26.37	13.50	12.30
Unplanned unavailable hours	0	0	0	10.77	0	0	0	0
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	2208.00	2167.62	1584.82	2208.00	2209.00	2024.43	2183.00
Indicator value	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

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	14.42	0	0	50.26	0.65	0.48	48.80	10.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2208.00	2184.00	2136.40	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0.65	26.92	0.37	1.57	12.72	12.63	0.48	14.32
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	2208.00	2184.00	2136.40	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	18.32	0	0	43.46	14.97	14.83	27.52	1.09
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	2208.00	2184.00	2136.60	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.0%**	**0.9%**	**0.8%**	**1.0%**	**0.9%**	**1.0%**	**1.0%**	**0.9%**

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

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	0.000065	0.000072	0.000075	0.000074	0.000072	0.000076	0.000078	0.000082	0.000084	0	0.000091	0.000051
Technical specification limit	1.0	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	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000049	0.000052	0.000054	0.000060	0.000061	0.000063	0.000062	0.000067	0.000068	0.000686	0.000095	0.001000
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**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	0.168	0.091	0.087	0.238	0.068	0.084	0.074	0.173	0.236	0.097	0.097	0.074
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.7**	**0.9**	**0.9**	**2.4**	**0.7**	**0.8**	**0.7**	**1.7**	**2.4**	**1.0**	**1.0**	**0.7**
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	0.081	0.083	0.082	0.051	0.079	0.104	0.050	0.048	0.051	0.053	0.050	0.056
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.5**	**0.8**	**1.0**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	10.0	134.0	8.0	73.0	23.0	6.0	10.0	40.0
Total opportunities	12.0	138.0	8.0	76.0	24.0	6.0	10.0	42.0
Indicator value	**94.2%**	**94.6%**	**95.5%**	**95.2%**	**95.1%**	**95.2%**	**95.3%**	**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	110.0	104.0	106.0	108.0	110.0	109.0	109.0	108.0
Total Key personnel	113.0	112.0	119.0	119.0	115.0	114.0	115.0	116.0
Indicator value	**97.3%**	**92.9%**	**89.1%**	**90.8%**	**95.7%**	**95.6%**	**94.8%**	**93.1%**

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	215	223	192	223	192	222	191	223
Total sirens-tests	224	224	192	224	192	224	192	224
Indicator value	**98.7%**	**98.8%**	**98.8%**	**98.7%**	**99.8%**	**99.6%**	**99.5%**	**99.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
High radiation area occurrences	0	0	0	0	0	0	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**	**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	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

South Texas 2

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	2209.0	2160.6	1561.6	2208.0	2209.0	1988.6	2183.0	2208.0
Indicator value	**0**	**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	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	**2.0**	**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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	0	0	0	0	0	1.0	0	1.0
Critical hours	2209.0	2160.6	1561.6	2208.0	2209.0	1988.6	2183.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	27.47	0	0	0	21.02	12.83	15.18	68.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	20.02	0	14.78	16.25	10.83	18.90	15.52	88.47
Unplanned unavailable hours	563.12	229.00	0	0	0	0	0	0
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	40.62	0	0	16.24	12.20	34.00	29.92	98.42
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**1.9%**	**2.1%**	**2.0%**	**1.9%**	**1.9%**	**1.9%**	**1.7%**	**1.9%**

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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	23.45	0	14.38	13.92	11.83	48.80	10.50	9.27
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	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00
Train 2								
Planned unavailable hours	26.92	0.37	1.57	17.41	14.45	0.48	14.32	22.63
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	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00
Train 3								
Planned unavailable hours	0.77	0	42.83	14.97	14.83	38.25	5.54	23.72
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	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00
Indicator value	**1.1%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	22.55	0	39.20	21.23	7.44	0	0	23.10
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	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00
Train 2								
Planned unavailable hours	89.30	0	21.73	12.76	14.20	26.55	7.20	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	2208.00	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	43.15	0	0	13.80	22.30	12.65
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	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00
Train 4								
Planned unavailable hours	13.40	0	6.63	33.10	26.37	13.50	12.30	8.23
Unplanned unavailable hours	0	0	10.77	0	0	0	0	0
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	2167.62	1584.82	2208.00	2209.00	2024.43	2183.00	2208.00
Indicator value	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**

Licensee Comments: none

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	0	50.26	0.65	0.48	48.80	10.50	27.25
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	2184.00	2136.40	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	26.92	0.37	1.57	12.72	12.63	0.48	14.32	73.25
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	2184.00	2136.40	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	43.46	14.97	14.83	27.52	1.09	0.48
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	2184.00	2136.60	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.9%**	**0.8%**	**1.0%**	**0.9%**	**1.0%**	**1.0%**	**0.9%**	**0.7%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**
Maximum activity	0.000074	0.000072	0.000076	0.000078	0.000082	0.000084	0	0.000091	0.000051	0.000049	0.000052	0.000054
Technical specification limit	1.0	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	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**
Maximum activity	0.000060	0.000061	0.000063	0.000062	0.000067	0.000068	0.000686	0.000095	0.001000	0.002220	0.003840	0.003510
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0.1**	**0.2**	**0.4**	**0.4**

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	0.238	0.068	0.084	0.074	0.173	0.236	0.097	0.097	0.074	0.081	0.083	0.082
Technical specification limit	10.0	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**	**0.7**	**0.8**	**0.7**	**1.7**	**2.4**	**1.0**	**1.0**	**0.7**	**0.8**	**0.8**	**0.8**
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	0.051	0.079	0.104	0.050	0.048	0.051	0.053	0.050	0.056	0.059	0.195	0.199
Technical specification limit	10.0	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**	**0.8**	**1.0**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**2.0**	**2.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	134.0	8.0	73.0	23.0	6.0	10.0	39.0	56.0
Total opportunities	138.0	8.0	76.0	24.0	6.0	10.0	42.0	60.0
Indicator value	**94.6%**	**95.5%**	**95.2%**	**95.1%**	**95.2%**	**95.3%**	**95.9%**	**95.9%**

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	104.0	106.0	108.0	110.0	109.0	109.0	108.0	113.0
Total Key personnel	112.0	119.0	119.0	115.0	114.0	115.0	116.0	116.0
Indicator value	**92.9%**	**89.1%**	**90.8%**	**95.7%**	**95.6%**	**94.8%**	**93.1%**	**97.4%**

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	223	192	223	192	222	191	223	192
Total sirens-tests	224	192	224	192	224	192	224	192
Indicator value	**98.8%**	**98.8%**	**98.7%**	**99.8%**	**99.6%**	**99.5%**	**99.5%**	**99.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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	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

South Texas 2

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	2160.6	1561.6	2208.0	2209.0	1988.6	2183.0	2208.0	1511.5
Indicator value	**0**	**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**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	0	0	0	0	1.0	0	1.0	0
Critical hours	2160.6	1561.6	2208.0	2209.0	1988.6	2183.0	2208.0	1511.5
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**1.6**	**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/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	0	0	21.02	12.83	15.18	68.00	0
Unplanned unavailable hours	0	0	0	0	0	0	0	1.88
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	14.78	16.25	10.83	18.90	15.52	88.47	13.12
Unplanned unavailable hours	229.00	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	16.24	12.20	34.00	29.92	98.42	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	**2.1%**	**2.0%**	**1.9%**	**1.9%**	**1.9%**	**1.7%**	**1.9%**	**2.0%**

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)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	14.38	13.92	11.83	48.80	10.50	9.27	8.98
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	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00	1562.85
Train 2								
Planned unavailable hours	0.37	1.57	17.41	14.45	0.48	14.32	22.63	39.27
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	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00	1562.85
Train 3								
Planned unavailable hours	0	42.83	14.97	14.83	38.25	5.54	23.72	0.57
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	2170.23	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00	1562.85
Indicator value	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**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)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	39.20	21.23	7.44	0	0	23.10	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	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00	1554.35
Train 2								
Planned unavailable hours	0	21.73	12.76	14.20	26.55	7.20	0	9.75
Unplanned unavailable hours	0	0	0	0	0	0	0	67.78
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00	1554.35
Train 3								
Planned unavailable hours	0	43.15	0	0	13.80	22.30	12.65	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	2167.62	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00	1554.35
Train 4								
Planned unavailable hours	0	6.63	33.10	26.37	13.50	12.30	8.23	11.33
Unplanned unavailable hours	0	10.77	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2167.62	1584.82	2208.00	2209.00	2024.43	2183.00	2208.00	1554.35
Indicator value	**0.6%**	**0.7%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.8%**

Licensee Comments: none

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	0	50.26	0.65	0.48	48.80	10.50	27.25	0.72
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	2136.40	2208.00	2209.00	2160.00	2183.00	2208.00	2064.65
Train 2								
Planned unavailable hours	0.37	1.57	12.72	12.63	0.48	14.32	73.25	39.27
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	2136.40	2208.00	2209.00	2160.00	2183.00	2208.00	2064.65
Train 3								
Planned unavailable hours	0	43.46	14.97	14.83	27.52	1.09	0.48	11.33
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	2136.60	2208.00	2209.00	2160.00	2183.00	2208.00	2064.65
Indicator value	**0.8%**	**1.0%**	**0.9%**	**1.0%**	**1.0%**	**0.9%**	**0.7%**	**0.7%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum activity	0.000078	0.000082	0.000084	0	0.000091	0.000051	0.000049	0.000052	0.000054	0.000060	0.000061	0.000063
Technical specification limit	1.0	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	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**
Maximum activity	0.000062	0.000067	0.000068	0.000686	0.000095	0.001000	0.002220	0.003840	0.003510	0.002710	0.000065	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**	**0.1**	**0**	**0.1**	**0.2**	**0.4**	**0.4**	**0.3**	**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	0.074	0.173	0.236	0.097	0.097	0.074	0.081	0.083	0.082	0.051	0.079	0.104
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**1.7**	**2.4**	**1.0**	**1.0**	**0.7**	**0.8**	**0.8**	**0.8**	**0.5**	**0.8**	**1.0**

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.050	0.048	0.051	0.053	0.050	0.056	0.059	0.195	0.199	0.146	0.064	0.058
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**2.0**	**2.0**	**1.5**	**0.6**	**0.6**

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	8.0	73.0	23.0	6.0	10.0	39.0	56.0	122.0
Total opportunities	8.0	76.0	24.0	6.0	10.0	42.0	60.0	138.0
Indicator value	**95.5%**	**95.2%**	**95.1%**	**95.2%**	**95.3%**	**95.9%**	**95.9%**	**92.6%**

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	106.0	108.0	110.0	109.0	109.0	108.0	113.0	114.0
Total Key personnel	119.0	119.0	115.0	114.0	115.0	116.0	116.0	117.0
Indicator value	**89.1%**	**90.8%**	**95.7%**	**95.6%**	**94.8%**	**93.1%**	**97.4%**	**97.4%**

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	192	223	192	222	191	223	192	223
Total sirens-tests	192	224	192	224	192	224	192	224
Indicator value	**98.8%**	**98.7%**	**99.8%**	**99.6%**	**99.5%**	**99.5%**	**99.5%**	**99.6%**

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	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	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

South Texas 2

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	0
Critical hours	1561.6	2208.0	2209.0	1988.6	2183.0	2208.0	1511.5	2160.0
Indicator value	**0**	**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	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	1.0	0	1.0	0	0
Critical hours	1561.6	2208.0	2209.0	1988.6	2183.0	2208.0	1511.5	2160.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.8**	**1.6**	**1.8**	**0.9**

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	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	0	21.02	12.83	15.18	68.00	0	13.00
Unplanned unavailable hours	0	0	0	0	0	0	1.88	0
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	14.78	16.25	10.83	18.90	15.52	88.47	13.12	19.73
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
Train 3								
Planned unavailable hours	0	16.24	12.20	34.00	29.92	98.42	0	62.12
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	**2.0%**	**1.9%**	**1.9%**	**1.9%**	**1.7%**	**1.9%**	**2.0%**	**2.1%**

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)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	14.38	13.92	11.83	48.80	10.50	9.27	8.98	13.68
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	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00	1562.85	2160.00
Train 2								
Planned unavailable hours	1.57	17.41	14.45	0.48	14.32	22.63	39.27	84.92
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	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00	1562.85	2160.00
Train 3								
Planned unavailable hours	42.83	14.97	14.83	38.25	5.54	23.72	0.57	8.15
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	1614.63	2208.00	2209.00	2032.75	2183.00	2208.00	1562.85	2160.00
Indicator value	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**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)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	39.20	21.23	7.44	0	0	23.10	0	21.78
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	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00	1554.35	2160.00
Train 2								
Planned unavailable hours	21.73	12.76	14.20	26.55	7.20	0	9.75	13.95
Unplanned unavailable hours	0	0	0	0	0	0	67.78	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00	1554.35	2160.00
Train 3								
Planned unavailable hours	43.15	0	0	13.80	22.30	12.65	0	25.92
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	1607.82	2208.00	2209.00	2024.43	2183.00	2208.00	1554.35	2160.00
Train 4								
Planned unavailable hours	6.63	33.10	26.37	13.50	12.30	8.23	11.33	22.30
Unplanned unavailable hours	10.77	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	1584.82	2208.00	2209.00	2024.43	2183.00	2208.00	1554.35	2160.00
Indicator value	**0.7%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**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/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	50.26	0.65	0.48	48.80	10.50	27.25	0.72	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	2136.40	2208.00	2209.00	2160.00	2183.00	2208.00	2064.65	2160.00
Train 2								
Planned unavailable hours	1.57	12.72	12.63	0.48	14.32	73.25	39.27	84.92
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	2136.40	2208.00	2209.00	2160.00	2183.00	2208.00	2064.65	2160.00
Train 3								
Planned unavailable hours	43.46	14.97	14.83	27.52	1.09	0.48	11.33	21.28
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	2136.60	2208.00	2209.00	2160.00	2183.00	2208.00	2064.65	2160.00
Indicator value	**1.0%**	**0.9%**	**1.0%**	**1.0%**	**0.9%**	**0.7%**	**0.7%**	**0.8%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum activity	0	0.000091	0.000051	0.000049	0.000052	0.000054	0.000060	0.000061	0.000063	0.000062	0.000067	0.000068
Technical specification limit	1.0	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	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum activity	0.000686	0.000095	0.001000	0.002220	0.003840	0.003510	0.002710	0.000065	0.000064	0.000072	0.000080	0.000085
Technical specification limit	1.0	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**	**0.1**	**0.2**	**0.4**	**0.4**	**0.3**	**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	0.097	0.097	0.074	0.081	0.083	0.082	0.051	0.079	0.104	0.050	0.048	0.051
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.0**	**1.0**	**0.7**	**0.8**	**0.8**	**0.8**	**0.5**	**0.8**	**1.0**	**0.5**	**0.5**	**0.5**
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	0.053	0.050	0.056	0.059	0.195	0.199	0.146	0.064	0.058	0.046	0.050	0.044
Technical specification limit	10.0	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**	**0.5**	**0.6**	**0.6**	**2.0**	**2.0**	**1.5**	**0.6**	**0.6**	**0.5**	**0.5**	**0.4**

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	73.0	23.0	6.0	10.0	39.0	56.0	127.0	67.0
Total opportunities	76.0	24.0	6.0	10.0	42.0	60.0	138.0	68.0
Indicator value	**95.2%**	**95.1%**	**95.2%**	**95.3%**	**95.9%**	**95.9%**	**94.0%**	**94.6%**

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	108.0	110.0	109.0	109.0	108.0	113.0	114.0	114.0
Total Key personnel	119.0	115.0	114.0	115.0	116.0	116.0	117.0	117.0
Indicator value	**90.8%**	**95.7%**	**95.6%**	**94.8%**	**93.1%**	**97.4%**	**97.4%**	**97.4%**

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	223	192	222	191	223	192	223	191
Total sirens-tests	224	192	224	192	224	192	224	192
Indicator value	**98.7%**	**99.8%**	**99.6%**	**99.5%**	**99.5%**	**99.5%**	**99.6%**	**99.6%**

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	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	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

South Texas 2

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	0	0
Critical hours	2208.0	2209.0	1988.6	2183.0	2208.0	1511.5	2160.0	2183.0
Indicator value	**0**	**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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	1.0	0	1.0	0	0	0
Critical hours	2208.0	2209.0	1988.6	2183.0	2208.0	1511.5	2160.0	2183.0
Indicator value	**0**	**0**	**0.9**	**0.8**	**1.6**	**1.8**	**0.9**	**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	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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								6.60E-06
URI (ΔCDF)								-9.50E-07
PLE								NO
Indicator value								**5.65E-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.50E-08
URI (ΔCDF)								-3.00E-08
PLE								NO
Indicator value								**-1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-4.80E-08
URI (ΔCDF)								-1.00E-07
PLE								NO
Indicator value								**-1.48E-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)								2.80E-08
URI (ΔCDF)								-9.00E-09
PLE								NO
Indicator value								**1.90E-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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.10E-07
URI (ΔCDF)								1.90E-07
PLE								NO
Indicator value								**3.00E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**
Maximum activity	0.000049	0.000052	0.000054	0.000060	0.000061	0.000063	0.000062	0.000067	0.000068	0.000686	0.000095	0.001000
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**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	0.002220	0.003840	0.003510	0.002710	0.000065	0.000064	0.000072	0.000080	0.000085	0.000093	0.000096	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	**0.2**	**0.4**	**0.4**	**0.3**	**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	0.081	0.083	0.082	0.051	0.079	0.104	0.050	0.048	0.051	0.053	0.050	0.056
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.5**	**0.8**	**1.0**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**
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	0.059	0.195	0.199	0.146	0.064	0.058	0.046	0.050	0.044	0.051	0.058	0.046
Technical specification limit	10.0	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**	**2.0**	**2.0**	**1.5**	**0.6**	**0.6**	**0.5**	**0.5**	**0.4**	**0.5**	**0.6**	**0.5**

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	23.0	6.0	10.0	39.0	56.0	127.0	59.0	93.0
Total opportunities	24.0	6.0	10.0	42.0	60.0	138.0	60.0	97.0
Indicator value	**95.1%**	**95.2%**	**95.3%**	**95.9%**	**95.9%**	**94.0%**	**94.5%**	**94.5%**

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	110.0	109.0	109.0	108.0	113.0	114.0	114.0	119.0
Total Key personnel	115.0	114.0	115.0	116.0	116.0	117.0	117.0	122.0
Indicator value	**95.7%**	**95.6%**	**94.8%**	**93.1%**	**97.4%**	**97.4%**	**97.4%**	**97.5%**

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	192	222	191	223	192	223	191	224
Total sirens-tests	192	224	192	224	192	224	192	224
Indicator value	**99.8%**	**99.6%**	**99.5%**	**99.5%**	**99.5%**	**99.6%**	**99.6%**	**99.8%**

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	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	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

South Texas 2

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	0	0	0
Critical hours	2209.0	1988.6	2183.0	2208.0	1511.5	2160.0	2183.0	2208.0
Indicator value	**0**	**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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	1.0	0	1.0	0	0	0	0
Critical hours	2209.0	1988.6	2183.0	2208.0	1511.5	2160.0	2183.0	2208.0
Indicator value	**0**	**0.9**	**0.8**	**1.6**	**1.8**	**0.9**	**0.9**	**0**

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	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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							6.60E-06	6.60E-06
URI (ΔCDF)							-9.50E-07	-9.50E-07
PLE							NO	NO
Indicator value							**5.65E-06**	**5.65E-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/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							1.50E-08	1.20E-08
URI (ΔCDF)							-3.00E-08	-3.00E-08
PLE							NO	NO
Indicator value							**-1.50E-08**	**-1.80E-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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-4.80E-08	-7.10E-08
URI (ΔCDF)							-1.00E-07	-1.00E-07
PLE							NO	NO
Indicator value							**-1.48E-07**	**-1.71E-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)							2.80E-08	1.60E-08
URI (ΔCDF)							-9.00E-09	-9.00E-09
PLE							NO	NO
Indicator value							**1.90E-08**	**7.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							1.10E-07	8.60E-08
URI (ΔCDF)							1.90E-07	-1.00E-07
PLE							NO	NO
Indicator value							**3.00E-07**	**-1.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**
Maximum activity	0.000060	0.000061	0.000063	0.000062	0.000067	0.000068	0.000686	0.000095	0.001000	0.002220	0.003840	0.003510
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0.1**	**0.2**	**0.4**	**0.4**
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	0.002710	0.000065	0.000064	0.000072	0.000080	0.000085	0.000093	0.000096	0.000100	0.000107	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	**0.3**	**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	0.051	0.079	0.104	0.050	0.048	0.051	0.053	0.050	0.056	0.059	0.195	0.199
Technical specification limit	10.0	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**	**0.8**	**1.0**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**2.0**	**2.0**
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	0.146	0.064	0.058	0.046	0.050	0.044	0.051	0.058	0.046	0.045	0.062	0.051
Technical specification limit	10.0	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**	**0.6**	**0.6**	**0.5**	**0.5**	**0.4**	**0.5**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**

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	6.0	10.0	39.0	56.0	127.0	59.0	93.0	14.0
Total opportunities	6.0	10.0	42.0	60.0	138.0	60.0	97.0	15.0
Indicator value	**95.2%**	**95.3%**	**95.9%**	**95.9%**	**94.0%**	**94.5%**	**94.5%**	**94.4%**

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	109.0	109.0	108.0	113.0	114.0	114.0	119.0	119.0
Total Key personnel	114.0	115.0	116.0	116.0	117.0	117.0	122.0	120.0
Indicator value	**95.6%**	**94.8%**	**93.1%**	**97.4%**	**97.4%**	**97.4%**	**97.5%**	**99.2%**

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	222	191	223	192	223	191	224	192
Total sirens-tests	224	192	224	192	224	192	224	192
Indicator value	**99.6%**	**99.5%**	**99.5%**	**99.5%**	**99.6%**	**99.6%**	**99.8%**	**99.8%**

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	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	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

South Texas 2

4Q/2006 Performance Indicators

Licensee's General Comments: The FVUAP calculation error was identified after original files had been created for submittal.

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1988.6	2183.0	2208.0	1511.5	2160.0	2183.0	2208.0	2209.0
Indicator value	**0**	**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/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	1988.6	2183.0	2208.0	1511.5	2160.0	2183.0	2208.0	2209.0
Indicator value	**0.9**	**0.8**	**1.6**	**1.8**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**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/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						6.60E-06	6.60E-06	3.40E-06
URI (ΔCDF)						-9.50E-07	-9.50E-07	-9.20E-07
PLE						NO	NO	NO
Indicator value						**5.65E-06**	**5.65E-06**	**2.48E-06**

Licensee Comments:

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

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)						1.50E-08	1.20E-08	-2.00E-07
URI (ΔCDF)						-3.00E-08	-3.00E-08	-1.40E-08
PLE						NO	NO	NO
Indicator value						**-1.50E-08**	**-1.80E-08**	**-2.14E-07**

Licensee Comments:

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

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)						-4.80E-08	-7.10E-08	-3.60E-07
URI (ΔCDF)						-1.00E-07	-1.00E-07	-1.70E-07
PLE						NO	NO	NO
Indicator value						**-1.48E-07**	**-1.71E-07**	**-5.30E-07**

Licensee Comments:

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

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)						2.80E-08	1.60E-08	-1.30E-07
URI (ΔCDF)						-9.00E-09	-9.00E-09	-3.10E-09
PLE						NO	NO	NO
Indicator value						**1.90E-08**	**7.00E-09**	**-1.33E-07**

Licensee Comments:

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						1.10E-07	8.60E-08	-5.30E-07
URI (ΔCDF)						1.90E-07	-1.00E-07	-6.60E-08
PLE						NO	NO	NO
Indicator value						**3.00E-07**	**-1.40E-08**	**-5.96E-07**

Licensee Comments:

4Q/06: Changed PRA Parameter(s). Error identified and corrected for FVUAP in device record on 1/22/07.

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

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	0.000062	0.000067	0.000068	0.000686	0.000095	0.001000	0.002220	0.003840	0.003510	0.002710	0.000065	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**	**0.1**	**0**	**0.1**	**0.2**	**0.4**	**0.4**	**0.3**	**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	0.000072	0.000080	0.000085	0.000093	0.000096	0.000100	0.000107	0.000110	0.000115	0.000115	0.000128	0.000133
Technical specification limit	1.0	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	0.050	0.048	0.051	0.053	0.050	0.056	0.059	0.195	0.199	0.146	0.064	0.058
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**2.0**	**2.0**	**1.5**	**0.6**	**0.6**
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	0.046	0.050	0.044	0.051	0.058	0.046	0.045	0.062	0.051	0.053	0.070	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.5**	**0.5**	**0.4**	**0.5**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.7**	**0.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	10.0	39.0	56.0	127.0	59.0	93.0	14.0	0
Total opportunities	10.0	42.0	60.0	138.0	60.0	97.0	15.0	0
Indicator value	**95.3%**	**95.9%**	**95.9%**	**94.0%**	**94.5%**	**94.5%**	**94.4%**	**94.3%**

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	109.0	108.0	113.0	114.0	114.0	119.0	119.0	115.0
Total Key personnel	115.0	116.0	116.0	117.0	117.0	122.0	120.0	118.0
Indicator value	**94.8%**	**93.1%**	**97.4%**	**97.4%**	**97.4%**	**97.5%**	**99.2%**	**97.5%**

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	191	223	192	223	191	224	192	224
Total sirens-tests	192	224	192	224	192	224	192	224
Indicator value	**99.5%**	**99.5%**	**99.5%**	**99.6%**	**99.6%**	**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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
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	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

South Texas 2

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	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	1511.5	2160.0	2183.0	2208.0	2209.0	1992.5
Indicator value	**0**	**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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	1511.5	2160.0	2183.0	2208.0	2209.0	1992.5
Indicator value	**0.8**	**1.6**	**1.8**	**0.9**	**0.9**	**0**	**0**	**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	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/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					6.60E-06	6.60E-06	3.40E-06	-8.50E-07
URI (ΔCDF)					-9.50E-07	-9.50E-07	-9.20E-07	-9.20E-07
PLE					NO	NO	NO	NO
Indicator value					**5.65E-06**	**5.65E-06**	**2.48E-06**	**-1.77E-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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					1.50E-08	1.20E-08	-2.00E-07	-1.60E-07
URI (ΔCDF)					-3.00E-08	-3.00E-08	-1.40E-08	-1.40E-08
PLE					NO	NO	NO	NO
Indicator value					**-1.50E-08**	**-1.80E-08**	**-2.14E-07**	**-1.74E-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)					-4.80E-08	-7.10E-08	-3.60E-07	-2.40E-07
URI (ΔCDF)					-1.00E-07	-1.00E-07	-1.70E-07	-1.70E-07
PLE					NO	NO	NO	NO
Indicator value					**-1.48E-07**	**-1.71E-07**	**-5.30E-07**	**-4.10E-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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					2.80E-08	1.60E-08	-1.30E-07	-1.20E-07
URI (ΔCDF)					-9.00E-09	-9.00E-09	-3.10E-09	-3.10E-09
PLE					NO	NO	NO	NO
Indicator value					**1.90E-08**	**7.00E-09**	**-1.33E-07**	**-1.23E-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)					1.10E-07	8.60E-08	-5.30E-07	-5.40E-07
URI (ΔCDF)					1.90E-07	-1.00E-07	-6.60E-08	-6.30E-08
PLE					NO	NO	NO	NO
Indicator value					**3.00E-07**	**-1.40E-08**	**-5.96E-07**	**-6.03E-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	0.000686	0.000095	0.001000	0.002220	0.003840	0.003510	0.002710	0.000065	0.000064	0.000072	0.000080	0.000085
Technical specification limit	1.0	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**	**0.1**	**0.2**	**0.4**	**0.4**	**0.3**	**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	0.000093	0.000096	0.000100	0.000107	0.000110	0.000115	0.000115	0.000128	0.000133	0.000129	0.000132	0.000116
Technical specification limit	1.0	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	0.053	0.050	0.056	0.059	0.195	0.199	0.146	0.064	0.058	0.046	0.050	0.044
Technical specification limit	10.0	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**	**0.5**	**0.6**	**0.6**	**2.0**	**2.0**	**1.5**	**0.6**	**0.6**	**0.5**	**0.5**	**0.4**
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	0.051	0.058	0.046	0.045	0.062	0.051	0.053	0.070	0.062	0.052	0.058	0.071
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.7**	**0.6**	**0.5**	**0.6**	**0.7**

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	39.0	56.0	127.0	59.0	93.0	14.0	0	4.0
Total opportunities	42.0	60.0	138.0	60.0	97.0	15.0	0	6.0
Indicator value	**95.9%**	**95.9%**	**94.0%**	**94.5%**	**94.5%**	**94.4%**	**94.3%**	**93.8%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	108.0	113.0	114.0	114.0	119.0	119.0	115.0	108.0
Total Key personnel	116.0	116.0	117.0	117.0	122.0	120.0	118.0	115.0
Indicator value	**93.1%**	**97.4%**	**97.4%**	**97.4%**	**97.5%**	**99.2%**	**97.5%**	**93.9%**

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	223	192	223	191	224	192	224	223
Total sirens-tests	224	192	224	192	224	192	224	224
Indicator value	**99.5%**	**99.5%**	**99.6%**	**99.6%**	**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	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	**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	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

South Texas 2

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	0	0	0	0	0	0
Critical hours	2208.0	1511.5	2160.0	2183.0	2208.0	2209.0	1992.5	1555.6
Indicator value	**0**	**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	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2208.0	1511.5	2160.0	2183.0	2208.0	2209.0	1992.5	1555.6
Indicator value	**1.6**	**1.8**	**0.9**	**0.9**	**0**	**0**	**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	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/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				6.60E-06	6.60E-06	4.10E-06	-2.10E-07	-2.30E-07
URI (ΔCDF)				-9.50E-07	-9.50E-07	-9.20E-07	-9.20E-07	-9.20E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**5.65E-06**	**5.65E-06**	**3.18E-06**	**-1.13E-06**	**-1.15E-06**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). Corrections made to Baseline Planned and Unplanned Unavailable Parameters (4th Qtr 2006 - 2nd Qrt 2007). Updated future parameters due to revision of MSPI Bases Doc.

1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

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)				1.50E-08	1.20E-08	1.40E-07	1.80E-07	1.50E-07
URI (ΔCDF)				-3.00E-08	-3.00E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.50E-08**	**-1.80E-08**	**1.26E-07**	**1.66E-07**	**1.36E-07**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). Corrections made to Baseline Planned and Unplanned Unavailable Parameters (4th Qtr 2006 - 2nd Qrt 2007). Updated future parameters due to revision of MSPI Bases Doc.

1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

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)				-4.80E-08	-7.10E-08	-1.30E-07	-5.70E-09	-6.20E-08
URI (ΔCDF)				-1.00E-07	-1.00E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.48E-07**	**-1.71E-07**	**-3.00E-07**	**-1.76E-07**	**-2.32E-07**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). Corrections made to Baseline Planned and Unplanned Unavailable Parameters (4th Qtr 2006 - 2nd Qrt 2007). Updated future parameters due to revision of MSPI Bases Doc.

1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

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)				2.80E-08	1.60E-08	2.70E-08	4.40E-08	3.10E-08
URI (ΔCDF)				-9.00E-09	-9.00E-09	-3.10E-09	-3.10E-09	-3.10E-09
PLE				NO	NO	NO	NO	NO
Indicator value				**1.90E-08**	**7.00E-09**	**2.39E-08**	**4.09E-08**	**2.79E-08**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). Corrections made to Baseline Planned and Unplanned Unavailable Parameters (4th Qtr 2006 - 2nd Qrt 2007). Updated future parameters due to revision of MSPI Bases Doc.

1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s). PRA Model was revised Sept. 2006 which changed the PRA Parameters.

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)				1.10E-07	8.60E-08	4.60E-08	5.50E-08	3.20E-08
URI (ΔCDF)				1.90E-07	-1.00E-07	-6.60E-08	-6.30E-08	-6.30E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**3.00E-07**	**-1.40E-08**	**-2.00E-08**	**-8.00E-09**	**-3.10E-08**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). Corrections made to Baseline Planned and Unplanned Unavailable Parameters (4th Qtr 2006 - 2nd Qrt 2007). Updated future parameters due to revision of MSPI Bases Doc.

1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s). Error identified and corrected for FVUAP in device record on 1/22/07.

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum activity	0.002220	0.003840	0.003510	0.002710	0.000065	0.000064	0.000072	0.000080	0.000085	0.000093	0.000096	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	**0.2**	**0.4**	**0.4**	**0.3**	**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	0.000107	0.000110	0.000115	0.000115	0.000128	0.000133	0.000129	0.000132	0.000116	0	0.000068	0.000079
Technical specification limit	1.0	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	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum leakage	0.059	0.195	0.199	0.146	0.064	0.058	0.046	0.050	0.044	0.051	0.058	0.046
Technical specification limit	10.0	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**	**2.0**	**2.0**	**1.5**	**0.6**	**0.6**	**0.5**	**0.5**	**0.4**	**0.5**	**0.6**	**0.5**
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	0.045	0.062	0.051	0.053	0.070	0.062	0.052	0.058	0.071	0.051	0.067	0.058
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.7**	**0.6**	**0.5**	**0.6**	**0.7**	**0.5**	**0.7**	**0.6**

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	56.0	127.0	59.0	93.0	14.0	0	4.0	11.0
Total opportunities	60.0	138.0	60.0	97.0	15.0	0	6.0	12.0
Indicator value	**95.9%**	**94.0%**	**94.5%**	**94.5%**	**94.4%**	**94.3%**	**93.8%**	**93.8%**

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	113.0	114.0	114.0	119.0	119.0	115.0	108.0	111.0
Total Key personnel	116.0	117.0	117.0	122.0	120.0	118.0	115.0	116.0
Indicator value	**97.4%**	**97.4%**	**97.4%**	**97.5%**	**99.2%**	**97.5%**	**93.9%**	**95.7%**

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	192	223	191	224	192	224	223	222
Total sirens-tests	192	224	192	224	192	224	224	224
Indicator value	**99.5%**	**99.6%**	**99.6%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.7%**

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

South Texas 2

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	0	0	0	0	0	0	0
Critical hours	1511.5	2160.0	2183.0	2208.0	2209.0	1992.5	1555.6	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1511.5	2160.0	2183.0	2208.0	2209.0	1992.5	1555.6	2208.0
Indicator value	**1.8**	**0.9**	**0.9**	**0**	**0**	**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	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			6.60E-06	6.60E-06	4.10E-06	-2.10E-07	-2.30E-07	-2.40E-07
URI (ΔCDF)			-9.50E-07	-9.50E-07	-9.20E-07	-9.20E-07	-9.20E-07	-9.20E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**5.65E-06**	**5.65E-06**	**3.18E-06**	**-1.13E-06**	**-1.15E-06**	**-1.16E-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/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			1.50E-08	1.20E-08	1.40E-07	1.80E-07	1.50E-07	-1.90E-08
URI (ΔCDF)			-3.00E-08	-3.00E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.50E-08**	**-1.80E-08**	**1.26E-07**	**1.66E-07**	**1.36E-07**	**-3.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-4.80E-08	-7.10E-08	-1.30E-07	2.10E-11	-2.80E-08	-4.40E-08
URI (ΔCDF)			-1.00E-07	-1.00E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.48E-07**	**-1.71E-07**	**-3.00E-07**	**-1.70E-07**	**-1.98E-07**	**-2.14E-07**

Licensee Comments:

3Q/07: Revised March 2007 AFW-C data to reflect changing 103.88 hours of planned unavailability to unplanned unavailability. AFW 0092 long path recirc valve failed and rendered the train inoperable. This was not initially counted as unplanned availability since this manual valve is not a monitored key or support MSPI component. However, it's failure did render the train inoperable.

2Q/07: Corrections made to Baseline Planned and Unplanned Unavailable Parameters (4th Qtr 2006 - 2nd Qrt 2007). Updated future parameters due to revision of MSPI Bases Doc.

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)			2.80E-08	1.60E-08	2.70E-08	4.40E-08	3.10E-08	-3.90E-09
URI (ΔCDF)			-9.00E-09	-9.00E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**1.90E-08**	**7.00E-09**	**2.39E-08**	**4.09E-08**	**2.79E-08**	**-7.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			1.10E-07	8.60E-08	4.60E-08	5.50E-08	3.20E-08	-1.10E-08
URI (ΔCDF)			1.90E-07	-1.00E-07	-6.60E-08	-5.50E-08	-5.50E-08	-5.50E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**3.00E-07**	**-1.40E-08**	**-2.00E-08**	**0.00E+00**	**-2.30E-08**	**-6.60E-08**

Licensee Comments:

3Q/07: Revised June 2007 CCW-B hours to include 16.52 unplanned unavailable hours and 49.63 hours planned unavailable hours. CCW Pump 2B Supplemental Cooler failed to start. This caused the train to be non-functional for 16.52 hours.

2Q/07: Corrections made to Baseline Planned and Unplanned Unavailable Parameters (4th Qtr 2006 - 2nd Qrt 2007). Updated future parameters due to revision of MSPI Bases Doc.

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	0.002710	0.000065	0.000064	0.000072	0.000080	0.000085	0.000093	0.000096	0.000100	0.000107	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	**0.3**	**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	0.000115	0.000128	0.000133	0.000129	0.000132	0.000116	0	0.000068	0.000079	0.000080	0.000081	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	**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	0.146	0.064	0.058	0.046	0.050	0.044	0.051	0.058	0.046	0.045	0.062	0.051
Technical specification limit	10.0	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**	**0.6**	**0.6**	**0.5**	**0.5**	**0.4**	**0.5**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**
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	0.053	0.070	0.062	0.052	0.058	0.071	0.051	0.067	0.058	0.065	0.083	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	**0.5**	**0.7**	**0.6**	**0.5**	**0.6**	**0.7**	**0.5**	**0.7**	**0.6**	**0.7**	**0.8**	**0.7**

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	127.0	59.0	93.0	14.0	0	4.0	11.0	44.0
Total opportunities	138.0	60.0	97.0	15.0	0	6.0	12.0	44.0
Indicator value	**94.0%**	**94.5%**	**94.5%**	**94.4%**	**94.3%**	**93.8%**	**93.8%**	**94.6%**

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	114.0	114.0	119.0	119.0	115.0	108.0	111.0	108.0
Total Key personnel	117.0	117.0	122.0	120.0	118.0	115.0	116.0	114.0
Indicator value	**97.4%**	**97.4%**	**97.5%**	**99.2%**	**97.5%**	**93.9%**	**95.7%**	**94.7%**

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	223	191	224	192	224	223	222	192
Total sirens-tests	224	192	224	192	224	224	224	192
Indicator value	**99.6%**	**99.6%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.7%**	**99.7%**

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	**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	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

South Texas 2

4Q/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	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	1992.5	1555.6	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	1992.5	1555.6	2208.0	2209.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**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	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		6.60E-06	6.60E-06	4.10E-06	-2.10E-07	-2.30E-07	-2.40E-07	3.40E-07
URI (ΔCDF)		-9.50E-07	-9.50E-07	-9.20E-07	-9.20E-07	-9.20E-07	-9.20E-07	-9.10E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**5.65E-06**	**5.65E-06**	**3.18E-06**	**-1.13E-06**	**-1.15E-06**	**-1.16E-06**	**-5.70E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		1.50E-08	1.20E-08	1.40E-07	1.80E-07	1.50E-07	-1.90E-08	-1.90E-08
URI (ΔCDF)		-3.00E-08	-3.00E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.50E-08**	**-1.80E-08**	**1.26E-07**	**1.66E-07**	**1.36E-07**	**-3.30E-08**	**-3.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-4.80E-08	-7.10E-08	-1.30E-07	2.10E-11	-2.80E-08	-4.40E-08	-2.30E-08
URI (ΔCDF)		-1.00E-07	-1.00E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.48E-07**	**-1.71E-07**	**-3.00E-07**	**-1.70E-07**	**-1.98E-07**	**-2.14E-07**	**-1.93E-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)		2.80E-08	1.60E-08	2.70E-08	4.40E-08	3.10E-08	-3.90E-09	-5.70E-09
URI (ΔCDF)		-9.00E-09	-9.00E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**1.90E-08**	**7.00E-09**	**2.39E-08**	**4.09E-08**	**2.79E-08**	**-7.00E-09**	**-8.80E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		1.10E-07	8.60E-08	4.60E-08	5.50E-08	3.20E-08	-1.10E-08	1.20E-07
URI (ΔCDF)		1.90E-07	-1.00E-07	-6.60E-08	-6.60E-08	-6.60E-08	-6.60E-08	-6.50E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**3.00E-07**	**-1.40E-08**	**-2.00E-08**	**-1.10E-08**	**-3.40E-08**	**-7.70E-08**	**5.50E-08**

Licensee Comments:

4Q/07: Revised Jan 2007 - Incorrectly counted failure of the CCW 2B supplemental cooler as a failure and UA hours as unplanned. Since cooler is a supported system there is no failure. UA hours changed to planned. Revised June 2007 - Incorrectly counted unplanned hours when CCW 2B supplemental cooler failed which is a support system component. Changed UA hours to planned.

3Q/07: Revised June 2007 CCW-B hours to include 16.52 unplanned unavailable hours and 49.63 hours planned unavailable hours. CCW Pump 2B Supplemental Cooler failed to start. This caused the train to be non-functional for 16.52 hours.

2Q/07: June - Incorrectly counted unplanned hours when CCW-B supplemental cooler failed which is a support system component. Changed hours to planned. Corrections made to Baseline Planned and Unplanned Unavailable Parameters (4th Qtr 2006 - 2nd Qrt 2007). Updated future parameters due to revision of MSPI Bases Doc.

1Q/07: Jan - Incorrectly counted failure of the CCW-B Supplemental cooler as a failure and UA hours as unplanned. Since cooler is a support system, there is no failure. UA hours changed to planned.

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	0.000072	0.000080	0.000085	0.000093	0.000096	0.000100	0.000107	0.000110	0.000115	0.000115	0.000128	0.000133
Technical specification limit	1.0	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	0.000129	0.000132	0.000116	0	0.000068	0.000079	0.000080	0.000081	0.000247	0.000031	0.000034	0.000041
Technical specification limit	1.0	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	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**
Maximum leakage	0.046	0.050	0.044	0.051	0.058	0.046	0.045	0.062	0.051	0.053	0.070	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.5**	**0.5**	**0.4**	**0.5**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.7**	**0.6**
Reactor Coolant System Leakage	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum leakage	0.052	0.058	0.071	0.051	0.067	0.058	0.065	0.083	0.068	0.067	0.067	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.5**	**0.6**	**0.7**	**0.5**	**0.7**	**0.6**	**0.7**	**0.8**	**0.7**	**0.7**	**0.7**	**0.6**

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	59.0	93.0	14.0	0	4.0	11.0	44.0	86.0
Total opportunities	60.0	97.0	15.0	0	6.0	12.0	44.0	86.0
Indicator value	**94.5%**	**94.5%**	**94.4%**	**94.3%**	**93.8%**	**93.8%**	**94.6%**	**97.2%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	114.0	119.0	119.0	115.0	108.0	111.0	108.0	118.0
Total Key personnel	117.0	122.0	120.0	118.0	115.0	116.0	114.0	120.0
Indicator value	**97.4%**	**97.5%**	**99.2%**	**97.5%**	**93.9%**	**95.7%**	**94.7%**	**98.3%**

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	191	224	192	224	223	222	192	222
Total sirens-tests	192	224	192	224	224	224	192	224
Indicator value	**99.6%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.7%**	**99.7%**	**99.4%**

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

South Texas 2

1Q/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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1992.5	1555.6	2208.0	2209.0	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2183.0	2208.0	2209.0	1992.5	1555.6	2208.0	2209.0	2183.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**

Licensee Comments:

1Q/08: Includes an August 2007 power change that was inadvertently omitted in the orgiinal submittal for 3Q07.

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Scrams with complications			0	0	0	0	0	0
Indicator value						**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	6.60E-06	6.60E-06	4.10E-06	-2.10E-07	-2.30E-07	-2.40E-07	3.40E-07	3.20E-07
URI (ΔCDF)	-9.50E-07	-9.50E-07	-9.20E-07	-9.20E-07	-9.20E-07	-9.20E-07	-9.10E-07	-9.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.65E-06**	**5.65E-06**	**3.18E-06**	**-1.13E-06**	**-1.15E-06**	**-1.16E-06**	**-5.70E-07**	**-5.80E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	1.50E-08	1.20E-08	1.40E-07	1.80E-07	1.50E-07	-1.90E-08	-1.90E-08	-7.80E-09
URI (ΔCDF)	-3.00E-08	-3.00E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-08**	**-1.80E-08**	**1.26E-07**	**1.66E-07**	**1.36E-07**	**-3.30E-08**	**-3.30E-08**	**-2.18E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	-4.80E-08	-7.10E-08	-1.30E-07	2.10E-11	-2.80E-08	-4.40E-08	-2.30E-08	-3.60E-08
URI (ΔCDF)	-1.00E-07	-1.00E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.48E-07**	**-1.71E-07**	**-3.00E-07**	**-1.70E-07**	**-1.98E-07**	**-2.14E-07**	**-1.93E-07**	**-2.06E-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)	2.80E-08	1.60E-08	2.70E-08	4.40E-08	3.10E-08	-3.90E-09	-5.70E-09	-5.70E-09
URI (ΔCDF)	-9.00E-09	-9.00E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-08**	**7.00E-09**	**2.39E-08**	**4.09E-08**	**2.79E-08**	**-7.00E-09**	**-8.80E-09**	**-8.70E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	1.10E-07	8.60E-08	4.60E-08	5.50E-08	3.20E-08	-1.10E-08	1.20E-07	1.10E-07
URI (ΔCDF)	1.90E-07	-1.00E-07	-6.60E-08	-6.60E-08	-6.60E-08	-6.60E-08	-6.50E-08	-6.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.00E-07**	**-1.40E-08**	**-2.00E-08**	**-1.10E-08**	**-3.40E-08**	**-7.70E-08**	**5.50E-08**	**4.60E-08**

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	0.000093	0.000096	0.000100	0.000107	0.000110	0.000115	0.000115	0.000128	0.000133	0.000129	0.000132	0.000116
Technical specification limit	1.0	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	0	0.000068	0.000079	0.000080	0.000081	0.000247	0.000031	0.000034	0.000041	0.000102	0.000101	0.000107
Technical specification limit	1.0	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	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.051	0.058	0.046	0.045	0.062	0.051	0.053	0.070	0.062	0.052	0.058	0.071
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.7**	**0.6**	**0.5**	**0.6**	**0.7**

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	0.051	0.067	0.058	0.065	0.083	0.068	0.067	0.067	0.062	0.059	0.072	0.071
Technical specification limit	10.0	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**	**0.7**	**0.6**	**0.7**	**0.8**	**0.7**	**0.7**	**0.7**	**0.6**	**0.6**	**0.7**	**0.7**

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	93.0	14.0	0	4.0	11.0	44.0	86.0	0
Total opportunities	97.0	15.0	0	6.0	12.0	44.0	86.0	0
Indicator value	**94.5%**	**94.4%**	**94.3%**	**93.8%**	**93.8%**	**94.6%**	**97.2%**	**96.9%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	119.0	119.0	115.0	108.0	111.0	108.0	118.0	112.0
Total Key personnel	122.0	120.0	118.0	115.0	116.0	114.0	120.0	119.0
Indicator value	**97.5%**	**99.2%**	**97.5%**	**93.9%**	**95.7%**	**94.7%**	**98.3%**	**94.1%**

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	224	192	224	223	222	192	222	224
Total sirens-tests	224	192	224	224	224	192	224	224
Indicator value	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.7%**	**99.7%**	**99.4%**	**99.5%**

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

South Texas 2

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	0	0	0	0	0
Critical hours	2208.0	2209.0	1992.5	1555.6	2208.0	2209.0	2183.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2208.0	2209.0	1992.5	1555.6	2208.0	2209.0	2183.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**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	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	6.60E-06	4.10E-06	-2.10E-07	-2.30E-07	-2.40E-07	3.40E-07	3.20E-07	-8.00E-08
URI (ΔCDF)	-9.50E-07	-9.20E-07	-9.20E-07	-9.20E-07	-9.20E-07	-9.10E-07	-9.00E-07	-8.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.65E-06**	**3.18E-06**	**-1.13E-06**	**-1.15E-06**	**-1.16E-06**	**-5.70E-07**	**-5.80E-07**	**-9.60E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	1.20E-08	1.40E-07	1.80E-07	1.50E-07	-1.90E-08	-1.90E-08	-7.80E-09	-1.60E-08
URI (ΔCDF)	-3.00E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**1.26E-07**	**1.66E-07**	**1.36E-07**	**-3.30E-08**	**-3.30E-08**	**-2.18E-08**	**-3.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-7.10E-08	-1.30E-07	2.10E-11	-2.80E-08	-4.40E-08	-2.30E-08	-3.60E-08	-2.90E-08
URI (ΔCDF)	-1.00E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.71E-07**	**-3.00E-07**	**-1.70E-07**	**-1.98E-07**	**-2.14E-07**	**-1.93E-07**	**-2.06E-07**	**-1.99E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	1.60E-08	2.70E-08	4.40E-08	3.10E-08	-3.90E-09	-5.70E-09	-5.70E-09	-5.70E-09
URI (ΔCDF)	-9.00E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.00E-09	-3.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.00E-09**	**2.39E-08**	**4.09E-08**	**2.79E-08**	**-7.00E-09**	**-8.80E-09**	**-8.70E-09**	**-8.70E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**
UAI (ΔCDF)	8.60E-08	4.60E-08	5.50E-08	3.20E-08	-1.10E-08	1.20E-07	1.10E-07	-2.20E-09
URI (ΔCDF)	-1.00E-07	-6.60E-08	-6.60E-08	-6.60E-08	-6.60E-08	-6.50E-08	-6.40E-08	-7.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-08**	**-2.00E-08**	**-1.10E-08**	**-3.40E-08**	**-7.70E-08**	**5.50E-08**	**4.60E-08**	**-7.52E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000107	0.000110	0.000115	0.000115	0.000128	0.000133	0.000129	0.000132	0.000116	0	0.000068	0.000079
Technical specification limit	1.0	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	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000080	0.000081	0.000247	0.000031	0.000034	0.000041	0.000102	0.000101	0.000107	0.000103	0.000105	0.000113
Technical specification limit	1.0	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	0.045	0.062	0.051	0.053	0.070	0.062	0.052	0.058	0.071	0.051	0.067	0.058
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.7**	**0.6**	**0.5**	**0.6**	**0.7**	**0.5**	**0.7**	**0.6**
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	0.065	0.083	0.068	0.067	0.067	0.062	0.059	0.072	0.071	0.070	0.061	0.054
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.8**	**0.7**	**0.7**	**0.7**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.6**	**0.5**

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	14.0	0	4.0	11.0	44.0	86.0	0	23.0
Total opportunities	15.0	0	6.0	12.0	44.0	86.0	0	23.0
Indicator value	**94.4%**	**94.3%**	**93.8%**	**93.8%**	**94.6%**	**97.2%**	**96.9%**	**97.8%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	119.0	115.0	108.0	111.0	108.0	118.0	112.0	118.0
Total Key personnel	120.0	118.0	115.0	116.0	114.0	120.0	119.0	118.0
Indicator value	**99.2%**	**97.5%**	**93.9%**	**95.7%**	**94.7%**	**98.3%**	**94.1%**	**100.0%**

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	192	224	223	222	192	222	224	224
Total sirens-tests	192	224	224	224	192	224	224	224
Indicator value	**99.8%**	**99.9%**	**99.9%**	**99.7%**	**99.7%**	**99.4%**	**99.5%**	**99.8%**

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.

South Texas 2

3Q/2008 Performance Indicators

Licensee's General Comments: BI01 was revised data. EP03 was revised Siren information.

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1992.5	1555.6	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2209.0	1992.5	1555.6	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value				**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, 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)	4.10E-06	-2.10E-07	-2.30E-07	-2.40E-07	3.40E-07	3.20E-07	-8.00E-08	-2.00E-08
URI (ΔCDF)	-9.20E-07	-9.20E-07	-9.20E-07	-9.20E-07	-9.10E-07	-9.00E-07	-8.80E-07	-8.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.18E-06**	**-1.13E-06**	**-1.15E-06**	**-1.16E-06**	**-5.70E-07**	**-5.80E-07**	**-9.60E-07**	**-8.90E-07**

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)	1.40E-07	1.80E-07	1.50E-07	-1.90E-08	-1.90E-08	-7.80E-09	-1.60E-08	-2.70E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.26E-07**	**1.66E-07**	**1.36E-07**	**-3.30E-08**	**-3.30E-08**	**-2.18E-08**	**-3.00E-08**	**-4.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	-1.30E-07	2.10E-11	-2.80E-08	-4.40E-08	-2.30E-08	-3.60E-08	-2.90E-08	4.50E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-07**	**-1.70E-07**	**-1.98E-07**	**-2.14E-07**	**-1.93E-07**	**-2.06E-07**	**-1.99E-07**	**-1.35E-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)	2.70E-08	4.40E-08	3.10E-08	-3.90E-09	-5.70E-09	-5.70E-09	-5.70E-09	-3.90E-09
URI (ΔCDF)	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.00E-09	-3.00E-09	-3.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.39E-08**	**4.09E-08**	**2.79E-08**	**-7.00E-09**	**-8.80E-09**	**-8.70E-09**	**-8.70E-09**	**-6.90E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	4.60E-08	5.50E-08	3.20E-08	-1.10E-08	1.20E-07	1.10E-07	-2.20E-09	-2.70E-08
URI (ΔCDF)	-6.60E-08	-6.60E-08	-6.60E-08	-6.60E-08	-6.50E-08	-6.40E-08	-7.30E-08	-7.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-08**	**-1.10E-08**	**-3.40E-08**	**-7.70E-08**	**5.50E-08**	**4.60E-08**	**-7.52E-08**	**-9.80E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000115	0.000128	0.000133	0.000129	0.000132	0.000116	0	0.000068	0.000079	0.000080	0.000081	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	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	0.000089	0.000091	0.000096	0.000102	0.000101	0.000107	0.000103	0.000105	0.000113	0.000120	0.000133	0.000138
Technical specification limit	1.0	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	0.053	0.070	0.062	0.052	0.058	0.071	0.051	0.067	0.058	0.065	0.083	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	**0.5**	**0.7**	**0.6**	**0.5**	**0.6**	**0.7**	**0.5**	**0.7**	**0.6**	**0.7**	**0.8**	**0.7**
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	0.067	0.067	0.062	0.059	0.072	0.071	0.070	0.061	0.054	0.054	0.055	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.7**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	0	4.0	11.0	44.0	86.0	0	23.0	41.0
Total opportunities	0	6.0	12.0	44.0	86.0	0	23.0	44.0
Indicator value	**94.3%**	**93.8%**	**93.8%**	**94.6%**	**97.2%**	**96.9%**	**97.8%**	**97.2%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	115.0	108.0	111.0	108.0	118.0	112.0	118.0	109.0
Total Key personnel	118.0	115.0	116.0	114.0	120.0	119.0	118.0	109.0
Indicator value	**97.5%**	**93.9%**	**95.7%**	**94.7%**	**98.3%**	**94.1%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	224	223	222	192	222	256	256	223
Total sirens-tests	224	224	224	192	224	256	256	224
Indicator value	**99.9%**	**99.9%**	**99.7%**	**99.7%**	**99.4%**	**99.6%**	**99.8%**	**99.7%**

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

South Texas 2

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	0	0	0	0	0	0	0
Critical hours	1992.5	1555.6	2208.0	2209.0	2183.0	2184.0	2208.0	1485.9
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	1992.5	1555.6	2208.0	2209.0	2183.0	2184.0	2208.0	1485.9
Indicator value	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, 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)	-2.10E-07	-2.30E-07	-2.40E-07	3.40E-07	3.20E-07	-8.00E-08	-2.00E-08	-2.10E-07
URI (ΔCDF)	-9.20E-07	-9.20E-07	-9.20E-07	-9.10E-07	-9.00E-07	-8.80E-07	-8.70E-07	-8.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.13E-06**	**-1.15E-06**	**-1.16E-06**	**-5.70E-07**	**-5.80E-07**	**-9.60E-07**	**-8.90E-07**	**-1.07E-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)	1.80E-07	1.50E-07	-1.90E-08	-1.90E-08	-7.80E-09	-1.60E-08	-2.70E-08	-2.70E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.66E-07**	**1.36E-07**	**-3.30E-08**	**-3.30E-08**	**-2.18E-08**	**-3.00E-08**	**-4.10E-08**	**-4.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	2.10E-11	-2.80E-08	-4.40E-08	-2.30E-08	-3.60E-08	-2.90E-08	4.50E-08	1.40E-07
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-07**	**-1.98E-07**	**-2.14E-07**	**-1.93E-07**	**-2.06E-07**	**-1.99E-07**	**-1.35E-07**	**-4.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	4.40E-08	3.10E-08	-3.90E-09	-5.70E-09	-5.70E-09	-5.70E-09	-3.90E-09	-3.40E-09
URI (ΔCDF)	-3.10E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.00E-09	-3.00E-09	-3.00E-09	-2.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.09E-08**	**2.79E-08**	**-7.00E-09**	**-8.80E-09**	**-8.70E-09**	**-8.70E-09**	**-6.90E-09**	**-6.30E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	5.50E-08	3.20E-08	-1.10E-08	1.20E-07	1.10E-07	-2.20E-09	-2.70E-08	-2.70E-08
URI (ΔCDF)	-6.60E-08	-6.60E-08	-6.60E-08	-6.50E-08	-6.40E-08	-7.30E-08	-7.10E-08	-7.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-08**	**-3.40E-08**	**-7.70E-08**	**5.50E-08**	**4.60E-08**	**-7.52E-08**	**-9.80E-08**	**-9.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum activity	0.000129	0.000132	0.000116	0	0.000068	0.000079	0.000080	0.000081	0.000247	0.000089	0.000091	0.000096
Technical specification limit	1.0	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	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum activity	0.000102	0.000101	0.000107	0.000103	0.000105	0.000113	0.000120	0.000133	0.000138	0.000123	0.000050	0.000065
Technical specification limit	1.0	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	0.052	0.058	0.071	0.051	0.067	0.058	0.065	0.083	0.068	0.067	0.067	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.5**	**0.6**	**0.7**	**0.5**	**0.7**	**0.6**	**0.7**	**0.8**	**0.7**	**0.7**	**0.7**	**0.6**
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	0.059	0.072	0.071	0.070	0.061	0.054	0.054	0.055	0.053	0.045	0.046	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**	**0.7**	**0.7**	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**

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	4.0	11.0	44.0	86.0	0	23.0	41.0	6.0
Total opportunities	6.0	12.0	44.0	86.0	0	23.0	44.0	6.0
Indicator value	**93.8%**	**93.8%**	**94.6%**	**97.2%**	**96.9%**	**97.8%**	**97.2%**	**97.3%**

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	108.0	111.0	108.0	118.0	112.0	118.0	109.0	110.0
Total Key personnel	115.0	116.0	114.0	120.0	119.0	118.0	109.0	110.0
Indicator value	**93.9%**	**95.7%**	**94.7%**	**98.3%**	**94.1%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	223	222	192	222	256	256	223	256
Total sirens-tests	224	224	192	224	256	256	224	256
Indicator value	**99.9%**	**99.7%**	**99.7%**	**99.4%**	**99.6%**	**99.8%**	**99.7%**	**99.9%**

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

South Texas 2

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	0	0	0	0	0	0	0	0
Critical hours	1555.6	2208.0	2209.0	2183.0	2184.0	2208.0	1485.9	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	1555.6	2208.0	2209.0	2183.0	2184.0	2208.0	1485.9	2159.0
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	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, 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)	-2.30E-07	-2.40E-07	3.40E-07	3.20E-07	-8.00E-08	-2.00E-08	-2.10E-07	-1.40E-07
URI (ΔCDF)	-9.20E-07	-9.20E-07	-9.10E-07	-9.00E-07	-8.80E-07	-8.70E-07	-8.60E-07	-8.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.15E-06**	**-1.16E-06**	**-5.70E-07**	**-5.80E-07**	**-9.60E-07**	**-8.90E-07**	**-1.07E-06**	**-9.80E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	1.50E-07	-1.90E-08	-1.90E-08	-7.80E-09	-1.60E-08	-2.70E-08	-2.70E-08	-2.70E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.36E-07**	**-3.30E-08**	**-3.30E-08**	**-2.18E-08**	**-3.00E-08**	**-4.10E-08**	**-4.10E-08**	**-4.10E-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)	-2.80E-08	-4.40E-08	-2.30E-08	-3.60E-08	-2.90E-08	4.50E-08	1.40E-07	9.80E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.98E-07**	**-2.14E-07**	**-1.93E-07**	**-2.06E-07**	**-1.99E-07**	**-1.35E-07**	**-4.00E-08**	**-8.20E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	3.10E-08	-3.90E-09	-5.70E-09	-5.70E-09	-5.70E-09	-3.90E-09	-3.40E-09	-4.60E-09
URI (ΔCDF)	-3.10E-09	-3.10E-09	-3.10E-09	-3.00E-09	-3.00E-09	-3.00E-09	-2.90E-09	-2.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.79E-08**	**-7.00E-09**	**-8.80E-09**	**-8.70E-09**	**-8.70E-09**	**-6.90E-09**	**-6.30E-09**	**-7.50E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	3.20E-08	-1.10E-08	1.20E-07	1.10E-07	-2.20E-09	-2.70E-08	-2.70E-08	-2.70E-08
URI (ΔCDF)	-6.60E-08	-6.60E-08	-6.50E-08	-6.40E-08	-7.30E-08	-7.10E-08	-7.00E-08	-6.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.40E-08**	**-7.70E-08**	**5.50E-08**	**4.60E-08**	**-7.52E-08**	**-9.80E-08**	**-9.70E-08**	**-9.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum activity	0	0.000068	0.000079	0.000080	0.000081	0.000247	0.000089	0.000091	0.000096	0.000102	0.000101	0.000107
Technical specification limit	1.0	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	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum activity	0.000103	0.000105	0.000113	0.000120	0.000133	0.000138	0.000123	0.000050	0.000065	0.000060	0.000064	0.000071
Technical specification limit	1.0	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	0.051	0.067	0.058	0.065	0.083	0.068	0.067	0.067	0.062	0.059	0.072	0.071
Technical specification limit	10.0	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**	**0.7**	**0.6**	**0.7**	**0.8**	**0.7**	**0.7**	**0.7**	**0.6**	**0.6**	**0.7**	**0.7**
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	0.070	0.061	0.054	0.054	0.055	0.053	0.045	0.046	0.052	0.064	0.042	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.4**	**0.5**

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	11.0	44.0	86.0	0	23.0	41.0	6.0	3.0
Total opportunities	12.0	44.0	86.0	0	23.0	44.0	6.0	3.0
Indicator value	**93.8%**	**94.6%**	**97.2%**	**96.9%**	**97.8%**	**97.2%**	**97.3%**	**98.2%**

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	111.0	108.0	118.0	112.0	118.0	109.0	110.0	111.0
Total Key personnel	116.0	114.0	120.0	119.0	118.0	109.0	110.0	115.0
Indicator value	**95.7%**	**94.7%**	**98.3%**	**94.1%**	**100.0%**	**100.0%**	**100.0%**	**96.5%**

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	222	192	222	256	256	223	256	256
Total sirens-tests	224	192	224	256	256	224	256	256
Indicator value	**99.7%**	**99.7%**	**99.4%**	**99.6%**	**99.8%**	**99.7%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

South Texas 2

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	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1485.9	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1485.9	2159.0	2184.0
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	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, 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)	-2.40E-07	3.40E-07	3.20E-07	-8.00E-08	-2.00E-08	-2.10E-07	-1.40E-07	1.70E-07
URI (ΔCDF)	-9.20E-07	-9.10E-07	-9.00E-07	-8.80E-07	-8.70E-07	-8.60E-07	-8.40E-07	-8.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.16E-06**	**-5.70E-07**	**-5.80E-07**	**-9.60E-07**	**-8.90E-07**	**-1.07E-06**	**-9.80E-07**	**-6.50E-07**

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)	-1.90E-08	-1.90E-08	-7.80E-09	-1.60E-08	-2.70E-08	-2.70E-08	-2.70E-08	-1.70E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.30E-08**	**-3.30E-08**	**-2.18E-08**	**-3.00E-08**	**-4.10E-08**	**-4.10E-08**	**-4.10E-08**	**-3.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**
UAI (ΔCDF)	-4.40E-08	-2.30E-08	-3.60E-08	-2.90E-08	4.50E-08	1.40E-07	9.80E-08	1.50E-07
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.14E-07**	**-1.93E-07**	**-2.06E-07**	**-1.99E-07**	**-1.35E-07**	**-4.00E-08**	**-8.20E-08**	**-3.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-3.90E-09	-5.70E-09	-5.70E-09	-5.70E-09	-3.90E-09	-3.40E-09	-4.60E-09	-5.10E-09
URI (ΔCDF)	-3.10E-09	-3.10E-09	-3.00E-09	-3.00E-09	-3.00E-09	-2.90E-09	-2.90E-09	-2.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.00E-09**	**-8.80E-09**	**-8.70E-09**	**-8.70E-09**	**-6.90E-09**	**-6.30E-09**	**-7.50E-09**	**-8.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-1.10E-08	1.20E-07	1.10E-07	-2.20E-09	-2.70E-08	-2.70E-08	-2.70E-08	3.20E-08
URI (ΔCDF)	-6.60E-08	-6.50E-08	-6.40E-08	-7.30E-08	-7.10E-08	-7.00E-08	-6.80E-08	-6.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.70E-08**	**5.50E-08**	**4.60E-08**	**-7.52E-08**	**-9.80E-08**	**-9.70E-08**	**-9.50E-08**	**-3.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**
Maximum activity	0.000080	0.000081	0.000247	0.000089	0.000091	0.000096	0.000102	0.000101	0.000107	0.000103	0.000105	0.000113
Technical specification limit	1.0	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	0.000120	0.000133	0.000138	0.000123	0.000050	0.000065	0.000060	0.000064	0.000071	0.000066	0.000069	0.000077
Technical specification limit	1.0	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	0.065	0.083	0.068	0.067	0.067	0.062	0.059	0.072	0.071	0.070	0.061	0.054
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.8**	**0.7**	**0.7**	**0.7**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.6**	**0.5**
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	0.054	0.055	0.053	0.045	0.046	0.052	0.064	0.042	0.045	0.049	0.039	0.045
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.4**	**0.5**	**0.5**	**0.4**	**0.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	44.0	86.0	0	23.0	41.0	6.0	3.0	92.0
Total opportunities	44.0	86.0	0	23.0	44.0	6.0	3.0	93.0
Indicator value	**94.6%**	**97.2%**	**96.9%**	**97.8%**	**97.2%**	**97.3%**	**98.2%**	**98.7%**

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	108.0	118.0	112.0	118.0	109.0	110.0	111.0	130.0
Total Key personnel	114.0	120.0	119.0	118.0	109.0	110.0	115.0	130.0
Indicator value	**94.7%**	**98.3%**	**94.1%**	**100.0%**	**100.0%**	**100.0%**	**96.5%**	**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	192	222	256	256	223	256	256	254
Total sirens-tests	192	224	256	256	224	256	256	256
Indicator value	**99.7%**	**99.4%**	**99.6%**	**99.8%**	**99.7%**	**99.9%**	**99.9%**	**99.7%**

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

South Texas 2

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	0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1485.9	2159.0	2184.0	1951.9
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1485.9	2159.0	2184.0	1951.9
Indicator value	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**	**0**	**0**

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

Licensee Comments:

4Q/08: LERs issued in Dec. - LER 2-08-001 Fuel Assembly Storage, LER 2-08-002 Loss of RHR SSFF* *Further review determined that LER 2-08-002, Loss of RHR) and Valid Actuation of Safety Systems submitted in Dec. 2008 should have been SSFF. No color change.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	3.40E-07	3.20E-07	-8.00E-08	-2.00E-08	-2.10E-07	-1.40E-07	1.70E-07	2.40E-07
URI (ΔCDF)	-9.10E-07	-9.00E-07	-8.80E-07	-8.70E-07	-8.60E-07	-8.40E-07	-8.20E-07	-8.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-07**	**-5.80E-07**	**-9.60E-07**	**-8.90E-07**	**-1.07E-06**	**-9.80E-07**	**-6.50E-07**	**-5.60E-07**

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)	-1.90E-08	-7.80E-09	-1.60E-08	-2.70E-08	-2.70E-08	-2.70E-08	-1.70E-08	2.00E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.30E-08**	**-2.18E-08**	**-3.00E-08**	**-4.10E-08**	**-4.10E-08**	**-4.10E-08**	**-3.10E-08**	**6.00E-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/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	-2.30E-08	-3.60E-08	-2.90E-08	4.50E-08	1.40E-07	9.80E-08	1.50E-07	1.40E-07
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.93E-07**	**-2.06E-07**	**-1.99E-07**	**-1.35E-07**	**-4.00E-08**	**-8.20E-08**	**-3.00E-08**	**-4.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	-5.70E-09	-5.70E-09	-5.70E-09	-3.90E-09	-3.40E-09	-4.60E-09	-5.10E-09	6.80E-09
URI (ΔCDF)	-3.10E-09	-3.00E-09	-3.00E-09	-3.00E-09	-2.90E-09	-2.90E-09	-2.90E-09	-2.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.80E-09**	**-8.70E-09**	**-8.70E-09**	**-6.90E-09**	**-6.30E-09**	**-7.50E-09**	**-8.00E-09**	**4.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	1.20E-07	1.10E-07	-2.20E-09	-2.70E-08	-2.70E-08	-2.70E-08	3.20E-08	4.90E-08
URI (ΔCDF)	-6.50E-08	-6.40E-08	-7.30E-08	-7.10E-08	-7.00E-08	-6.80E-08	-6.60E-08	1.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.50E-08**	**4.60E-08**	**-7.52E-08**	**-9.80E-08**	**-9.70E-08**	**-9.50E-08**	**-3.40E-08**	**1.89E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**
Maximum activity	0.000089	0.000091	0.000096	0.000102	0.000101	0.000107	0.000103	0.000105	0.000113	0.000120	0.000133	0.000138
Technical specification limit	1.0	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	0.000123	0.000050	0.000065	0.000060	0.000064	0.000071	0.000066	0.000069	0.000077	0.000083	0.000076	0.000075
Technical specification limit	1.0	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	0.067	0.067	0.062	0.059	0.072	0.071	0.070	0.061	0.054	0.054	0.055	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.7**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**
Reactor Coolant System Leakage	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum leakage	0.045	0.046	0.052	0.064	0.042	0.045	0.049	0.039	0.045	0.041	0.036	0.048
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.6**	**0.4**	**0.5**	**0.5**	**0.4**	**0.5**	**0.4**	**0.4**	**0.5**

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	86.0	0	23.0	37.0	6.0	3.0	93.0	56.0
Total opportunities	86.0	0	23.0	40.0	6.0	3.0	93.0	59.0
Indicator value	**97.2%**	**96.9%**	**97.8%**	**97.2%**	**97.2%**	**98.1%**	**99.0%**	**98.1%**

Licensee Comments:

3Q/09: Revised 3Q08 and 2Q09 Drill/Exercise Performance

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	118.0	112.0	118.0	109.0	110.0	111.0	130.0	130.0
Total Key personnel	120.0	119.0	118.0	109.0	110.0	115.0	130.0	130.0
Indicator value	**98.3%**	**94.1%**	**100.0%**	**100.0%**	**100.0%**	**96.5%**	**100.0%**	**100.0%**

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	222	256	256	223	256	256	254	256
Total sirens-tests	224	256	256	224	256	256	256	256
Indicator value	**99.4%**	**99.6%**	**99.8%**	**99.7%**	**99.9%**	**99.9%**	**99.7%**	**99.8%**

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

South Texas 2

4Q/2009 Performance Indicators

Licensee's General Comments: 1Q2009 - revised Alert & Notification input; 2Q2009 - revised Successful drill opportunities to 93; 2Q2009 and 3Q2009 - revised Drill Participation to 129

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	2183.0	2184.0	2208.0	1485.9	2159.0	2184.0	1951.9	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	1485.9	2159.0	2184.0	1951.9	2209.0
Indicator value	**0.9**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**

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

Licensee Comments:

4Q/08: LERs issued in Dec. - LER 2-08-001 Fuel Assembly Storage, LER 2-08-002 Loss of RHR SSFF* *Further review determined that LER 2-08-002, Loss of RHR) and Valid Actuation of Safety Systems submitted in Dec. 2008 should have been SSFF. No color change.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	3.20E-07	-8.00E-08	-2.00E-08	-2.10E-07	-1.40E-07	1.70E-07	2.40E-07	2.30E-07
URI (ΔCDF)	-9.00E-07	-8.80E-07	-8.70E-07	-8.60E-07	-8.40E-07	-8.20E-07	-8.00E-07	-5.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-07**	**-9.60E-07**	**-8.90E-07**	**-1.07E-06**	**-9.80E-07**	**-6.50E-07**	**-5.60E-07**	**-3.20E-07**

Licensee Comments:

4Q/09: PRA Parameters were changed due to PRA Model Rev. 6. in 3Q09.

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)	-7.80E-09	-1.60E-08	-2.70E-08	-2.70E-08	-2.70E-08	-1.70E-08	2.00E-08	-1.50E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.18E-08**	**-3.00E-08**	**-4.10E-08**	**-4.10E-08**	**-4.10E-08**	**-3.10E-08**	**6.00E-09**	**-2.70E-08**

Licensee Comments:

4Q/09: PRA Parameters were changed due to PRA Model Rev. 6. in 3Q09.

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)	-3.60E-08	-2.90E-08	4.50E-08	1.40E-07	9.80E-08	1.50E-07	1.40E-07	7.40E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-8.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.06E-07**	**-1.99E-07**	**-1.35E-07**	**-4.00E-08**	**-8.20E-08**	**-3.00E-08**	**-4.00E-08**	**-1.20E-08**

Licensee Comments:

4Q/09: PRA Parameters were changed due to PRA Model Rev. 6. in 3Q09.

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)	-5.70E-09	-5.70E-09	-3.90E-09	-3.40E-09	-4.60E-09	-5.10E-09	6.80E-09	-6.00E-09
URI (ΔCDF)	-3.00E-09	-3.00E-09	-3.00E-09	-2.90E-09	-2.90E-09	-2.90E-09	-2.80E-09	-2.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.70E-09**	**-8.70E-09**	**-6.90E-09**	**-6.30E-09**	**-7.50E-09**	**-8.00E-09**	**4.00E-09**	**-8.30E-09**

Licensee Comments:

4Q/09: PRA Parameters were changed due to PRA Model Rev. 6. in 3Q09.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	1.10E-07	-2.20E-09	-2.70E-08	-2.70E-08	-2.70E-08	3.20E-08	4.90E-08	3.60E-08
URI (ΔCDF)	-6.40E-08	-7.30E-08	-7.10E-08	-7.00E-08	-6.80E-08	-6.60E-08	1.40E-07	1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.60E-08**	**-7.52E-08**	**-9.80E-08**	**-9.70E-08**	**-9.50E-08**	**-3.40E-08**	**1.89E-07**	**1.36E-07**

Licensee Comments:

4Q/09: PRA Parameters were changed due to PRA Model Rev. 6. in 3Q09.

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	0.000102	0.000101	0.000107	0.000103	0.000105	0.000113	0.000120	0.000133	0.000138	0.000123	0.000050	0.000065
Technical specification limit	1.0	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	0.000060	0.000064	0.000071	0.000066	0.000069	0.000077	0.000083	0.000076	0.000075	0.000090	0.000085	0.000088
Technical specification limit	1.0	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	0.059	0.072	0.071	0.070	0.061	0.054	0.054	0.055	0.053	0.045	0.046	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**	**0.7**	**0.7**	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**
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	0.064	0.042	0.045	0.049	0.039	0.045	0.041	0.036	0.048	0.041	0.051	0.044
Technical specification limit	10.0	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**	**0.4**	**0.5**	**0.5**	**0.4**	**0.5**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	0	23.0	37.0	6.0	3.0	93.0	56.0	0
Total opportunities	0	23.0	40.0	6.0	3.0	93.0	59.0	0
Indicator value	**96.9%**	**97.8%**	**97.2%**	**97.2%**	**98.1%**	**99.0%**	**98.1%**	**97.3%**

Licensee Comments:

4Q/09: 2Q09 Successful opportunities were corrected to 93.

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	112.0	118.0	109.0	110.0	111.0	129.0	129.0	129.0
Total Key personnel	119.0	118.0	109.0	110.0	115.0	130.0	130.0	130.0
Indicator value	**94.1%**	**100.0%**	**100.0%**	**100.0%**	**96.5%**	**99.2%**	**99.2%**	**99.2%**

Licensee Comments:

4Q/09: 2Q09 and 3Q09 ERO Drill Participation changed to 129 due to error in transferring of EROP credit when TSC Mgr moved to EOF Dir. position.

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	256	256	223	256	255	254	256	224
Total sirens-tests	256	256	224	256	256	256	256	224
Indicator value	**99.6%**	**99.8%**	**99.7%**	**99.9%**	**99.8%**	**99.6%**	**99.7%**	**99.7%**

Licensee Comments:

4Q/09: Corrected 1Q09 Alert & Notification System

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

South Texas 2

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	1485.9	2159.0	2184.0	1951.9	2209.0	2062.1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1485.9	2159.0	2184.0	1951.9	2209.0	2062.1
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	**0**	**0**	**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/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	-8.00E-08	-2.00E-08	-2.10E-07	-1.40E-07	1.70E-07	2.40E-07	2.30E-07	2.13E-07
URI (ΔCDF)	-8.80E-07	-8.70E-07	-8.60E-07	-8.40E-07	-8.20E-07	-8.00E-07	-5.50E-07	-5.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.60E-07**	**-8.90E-07**	**-1.07E-06**	**-9.80E-07**	**-6.50E-07**	**-5.60E-07**	**-3.20E-07**	**-3.20E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	-1.60E-08	-2.70E-08	-2.70E-08	-2.70E-08	-1.70E-08	2.00E-08	-1.50E-08	-1.20E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.20E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-08**	**-4.10E-08**	**-4.10E-08**	**-4.10E-08**	**-3.10E-08**	**6.00E-09**	**-2.70E-08**	**-2.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	-2.90E-08	4.50E-08	1.40E-07	9.80E-08	1.50E-07	1.40E-07	7.40E-08	2.40E-08
URI (ΔCDF)	-1.70E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-8.60E-08	-8.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.99E-07**	**-1.35E-07**	**-4.00E-08**	**-8.20E-08**	**-3.00E-08**	**-4.00E-08**	**-1.20E-08**	**-6.20E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	-5.70E-09	-3.90E-09	-3.40E-09	-4.60E-09	-5.10E-09	6.80E-09	-6.00E-09	-9.42E-09
URI (ΔCDF)	-3.00E-09	-3.00E-09	-2.90E-09	-2.90E-09	-2.90E-09	-2.80E-09	-2.30E-09	-2.31E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.70E-09**	**-6.90E-09**	**-6.30E-09**	**-7.50E-09**	**-8.00E-09**	**4.00E-09**	**-8.30E-09**	**-1.20E-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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	-2.20E-09	-2.70E-08	-2.70E-08	-2.70E-08	3.20E-08	4.90E-08	3.60E-08	4.42E-08
URI (ΔCDF)	-7.30E-08	-7.10E-08	-7.00E-08	-6.80E-08	-6.60E-08	1.40E-07	1.00E-07	1.08E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.52E-08**	**-9.80E-08**	**-9.70E-08**	**-9.50E-08**	**-3.40E-08**	**1.89E-07**	**1.36E-07**	**1.50E-07**

Licensee Comments: none

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	0.000103	0.000105	0.000113	0.000120	0.000133	0.000138	0.000123	0.000050	0.000065	0.000060	0.000064	0.000071
Technical specification limit	1.0	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	0.000066	0.000069	0.000077	0.000083	0.000076	0.000075	0.000090	0.000085	0.000088	0.000087	0.001610	0.001790
Technical specification limit	1.0	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**	**0.2**	**0.2**

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	0.070	0.061	0.054	0.054	0.055	0.053	0.045	0.046	0.052	0.064	0.042	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.4**	**0.5**
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	0.049	0.039	0.045	0.041	0.036	0.048	0.041	0.051	0.044	0.053	0.038	0.086
Technical specification limit	10.0	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**	**0.4**	**0.5**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.9**

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	23.0	37.0	6.0	3.0	93.0	56.0	0	1.0
Total opportunities	23.0	40.0	6.0	3.0	93.0	59.0	0	2.0
Indicator value	**97.8%**	**97.2%**	**97.2%**	**98.1%**	**99.0%**	**98.1%**	**97.3%**	**96.9%**

Licensee Comments: none

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	118.0	109.0	110.0	111.0	129.0	129.0	129.0	114.0
Total Key personnel	118.0	109.0	110.0	115.0	130.0	130.0	130.0	115.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**96.5%**	**99.2%**	**99.2%**	**99.2%**	**99.1%**

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	256	223	256	255	254	256	224	256
Total sirens-tests	256	224	256	256	256	256	224	256
Indicator value	**99.8%**	**99.7%**	**99.9%**	**99.8%**	**99.6%**	**99.7%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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

South Texas 2

2Q/2010 Performance Indicators

Licensee's General Comments: Revised 1Q2010 ERO Drill Participation to 116. Added one Up Relief Shift Mgr. No color change.

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	1485.9	2159.0	2184.0	1951.9	2209.0	2062.2	1469.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1485.9	2159.0	2184.0	1951.9	2209.0	2062.2	1469.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**

Licensee Comments:

2Q/10: Changed SSFF date from 4Q08 to 4Q09. LER 2-08-002 R0 on 10/08 did not consider SSFF. Re-submitted LER 2-08-002 R1 on 10/09. NRC's position is that SSFF date should correspond to the LER report date. Correction did not result in color change.

4Q/08: LERs issued in Dec. - LER 2-08-001 Fuel Assembly Storage, LER 2-08-002 Loss of RHR SSFF* *Further review determined that LER 2-08-002, Loss of RHR) and Valid Actuation of Safety Systems submitted in Dec. 2008 should have been SSFF. No color change.

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)	-2.00E-08	-2.10E-07	-1.40E-07	1.70E-07	2.40E-07	2.30E-07	2.13E-07	-1.69E-07
URI (ΔCDF)	-8.70E-07	-8.60E-07	-8.40E-07	-8.20E-07	-8.00E-07	-5.50E-07	-5.34E-07	-3.99E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.90E-07**	**-1.07E-06**	**-9.80E-07**	**-6.50E-07**	**-5.60E-07**	**-3.20E-07**	**-3.20E-07**	**-5.70E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	-2.70E-08	-2.70E-08	-2.70E-08	-1.70E-08	2.00E-08	-1.50E-08	-1.20E-08	-5.11E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.20E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.10E-08**	**-4.10E-08**	**-4.10E-08**	**-3.10E-08**	**6.00E-09**	**-2.70E-08**	**-2.40E-08**	**-6.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	4.50E-08	1.40E-07	9.80E-08	1.50E-07	1.40E-07	7.40E-08	2.40E-08	9.93E-08
URI (ΔCDF)	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-8.60E-08	-8.60E-08	-8.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.35E-07**	**-4.00E-08**	**-8.20E-08**	**-3.00E-08**	**-4.00E-08**	**-1.20E-08**	**-6.20E-08**	**1.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-3.90E-09	-3.40E-09	-4.60E-09	-5.10E-09	6.80E-09	-6.00E-09	-9.42E-09	-9.64E-09
URI (ΔCDF)	-3.00E-09	-2.90E-09	-2.90E-09	-2.90E-09	-2.80E-09	-2.30E-09	-2.31E-09	-2.28E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.90E-09**	**-6.30E-09**	**-7.50E-09**	**-8.00E-09**	**4.00E-09**	**-8.30E-09**	**-1.20E-08**	**-1.20E-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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-2.70E-08	-2.70E-08	-2.70E-08	3.20E-08	4.90E-08	3.60E-08	4.42E-08	1.08E-07
URI (ΔCDF)	-7.10E-08	-7.00E-08	-6.80E-08	-6.60E-08	1.40E-07	1.00E-07	1.08E-07	1.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.80E-08**	**-9.70E-08**	**-9.50E-08**	**-3.40E-08**	**1.89E-07**	**1.36E-07**	**1.50E-07**	**2.20E-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	0.000120	0.000133	0.000138	0.000123	0.000050	0.000065	0.000060	0.000064	0.000071	0.000066	0.000069	0.000077
Technical specification limit	1.0	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	0.000083	0.000076	0.000075	0.000090	0.000085	0.000088	0.000087	0.001610	0.001790	0	0.000093	0.000187
Technical specification limit	1.0	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**	**0.2**	**0.2**	**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	0.054	0.055	0.053	0.045	0.046	0.052	0.064	0.042	0.045	0.049	0.039	0.045
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.4**	**0.5**	**0.5**	**0.4**	**0.5**
Reactor Coolant System Leakage	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum leakage	0.041	0.036	0.048	0.041	0.051	0.044	0.053	0.038	0.086	0.030	0.041	0.041
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.9**	**0.3**	**0.4**	**0.4**

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	37.0	6.0	3.0	93.0	56.0	0	1.0	9.0
Total opportunities	40.0	6.0	3.0	93.0	59.0	0	2.0	11.0
Indicator value	**97.2%**	**97.2%**	**98.1%**	**99.0%**	**98.1%**	**97.3%**	**96.9%**	**95.8%**

Licensee Comments: none

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	109.0	110.0	111.0	129.0	129.0	129.0	114.0	113.0
Total Key personnel	109.0	110.0	115.0	130.0	130.0	130.0	116.0	117.0
Indicator value	**100.0%**	**100.0%**	**96.5%**	**99.2%**	**99.2%**	**99.2%**	**98.3%**	**96.6%**

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	223	256	255	254	256	224	256	191
Total sirens-tests	224	256	256	256	256	224	256	192
Indicator value	**99.7%**	**99.9%**	**99.8%**	**99.6%**	**99.7%**	**99.7%**	**99.8%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: July 26, 2010

South Texas 2

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	0
Critical hours	1485.9	2159.0	2184.0	1951.9	2209.0	2062.2	1469.6	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1485.9	2159.0	2184.0	1951.9	2209.0	2062.2	1469.6	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/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	1	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**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/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-2.10E-07	-1.40E-07	1.70E-07	2.40E-07	2.30E-07	2.13E-07	-1.69E-07	-9.95E-08
URI (ΔCDF)	-8.60E-07	-8.40E-07	-8.20E-07	-8.00E-07	-5.50E-07	-5.34E-07	-3.99E-07	-3.78E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.07E-06**	**-9.80E-07**	**-6.50E-07**	**-5.60E-07**	**-3.20E-07**	**-3.20E-07**	**-5.70E-07**	**-4.80E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	-2.70E-08	-2.70E-08	-1.70E-08	2.00E-08	-1.50E-08	-1.20E-08	-5.11E-08	-5.11E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.20E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.10E-08**	**-4.10E-08**	**-3.10E-08**	**6.00E-09**	**-2.70E-08**	**-2.40E-08**	**-6.30E-08**	**-6.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	1.40E-07	9.80E-08	1.50E-07	1.40E-07	7.40E-08	2.40E-08	9.93E-08	2.54E-08
URI (ΔCDF)	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-8.60E-08	-8.60E-08	-8.56E-08	-8.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-8.20E-08**	**-3.00E-08**	**-4.00E-08**	**-1.20E-08**	**-6.20E-08**	**1.40E-08**	**-6.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	-3.40E-09	-4.60E-09	-5.10E-09	6.80E-09	-6.00E-09	-9.42E-09	-9.64E-09	-8.57E-09
URI (ΔCDF)	-2.90E-09	-2.90E-09	-2.90E-09	-2.80E-09	-2.30E-09	-2.31E-09	-2.28E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-09**	**-7.50E-09**	**-8.00E-09**	**4.00E-09**	**-8.30E-09**	**-1.20E-08**	**-1.20E-08**	**-1.10E-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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-2.70E-08	-2.70E-08	3.20E-08	4.90E-08	3.60E-08	4.42E-08	1.08E-07	1.05E-07
URI (ΔCDF)	-7.00E-08	-6.80E-08	-6.60E-08	1.40E-07	1.00E-07	1.08E-07	1.13E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.70E-08**	**-9.50E-08**	**-3.40E-08**	**1.89E-07**	**1.36E-07**	**1.50E-07**	**2.20E-07**	**2.20E-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	0.000123	0.000050	0.000065	0.000060	0.000064	0.000071	0.000066	0.000069	0.000077	0.000083	0.000076	0.000075
Technical specification limit	1.0	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	0.000090	0.000085	0.000088	0.000087	0.001610	0.001790	0	0.000093	0.000187	0.000067	0.000065	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**	**0.2**	**0.2**	**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	0.045	0.046	0.052	0.064	0.042	0.045	0.049	0.039	0.045	0.041	0.036	0.048
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.6**	**0.4**	**0.5**	**0.5**	**0.4**	**0.5**	**0.4**	**0.4**	**0.5**
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	0.041	0.051	0.044	0.053	0.038	0.086	0.030	0.041	0.041	0.044	0.081	0.042
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.9**	**0.3**	**0.4**	**0.4**	**0.4**	**0.8**	**0.4**

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	6.0	3.0	93.0	56.0	0	1.0	9.0	68.0
Total opportunities	6.0	3.0	93.0	59.0	0	2.0	11.0	73.0
Indicator value	**97.2%**	**98.1%**	**99.0%**	**98.1%**	**97.3%**	**96.9%**	**95.8%**	**95.5%**

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	110.0	111.0	129.0	129.0	129.0	114.0	113.0	117.0
Total Key personnel	110.0	115.0	130.0	130.0	130.0	116.0	117.0	117.0
Indicator value	**100.0%**	**96.5%**	**99.2%**	**99.2%**	**99.2%**	**98.3%**	**96.6%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	256	255	254	256	224	256	191	219
Total sirens-tests	256	256	256	256	224	256	192	224
Indicator value	**99.9%**	**99.8%**	**99.6%**	**99.7%**	**99.7%**	**99.8%**	**99.9%**	**99.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: October 25, 2010

South Texas 2

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	0	1.0
Critical hours	2159.0	2184.0	1951.9	2209.0	2062.2	1469.6	2208.0	1674.0
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	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	1951.9	2209.0	2062.2	1469.6	2208.0	1674.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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	1	0	0	0	0
Indicator value	**0**	**0**	**0**	**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/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	-1.40E-07	1.70E-07	2.40E-07	2.30E-07	2.13E-07	-1.69E-07	-9.95E-08	-9.38E-08
URI (ΔCDF)	-8.40E-07	-8.20E-07	-8.00E-07	-5.50E-07	-5.34E-07	-3.99E-07	-3.78E-07	-3.81E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.80E-07**	**-6.50E-07**	**-5.60E-07**	**-3.20E-07**	**-3.20E-07**	**-5.70E-07**	**-4.80E-07**	**-4.70E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	-2.70E-08	-1.70E-08	2.00E-08	-1.50E-08	-1.20E-08	-5.11E-08	-5.11E-08	-5.11E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.20E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.10E-08**	**-3.10E-08**	**6.00E-09**	**-2.70E-08**	**-2.40E-08**	**-6.30E-08**	**-6.30E-08**	**-6.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	9.80E-08	1.50E-07	1.40E-07	7.40E-08	2.40E-08	9.93E-08	2.54E-08	-1.36E-08
URI (ΔCDF)	-1.80E-07	-1.80E-07	-1.80E-07	-8.60E-08	-8.60E-08	-8.56E-08	-8.52E-08	-8.63E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.20E-08**	**-3.00E-08**	**-4.00E-08**	**-1.20E-08**	**-6.20E-08**	**1.40E-08**	**-6.00E-08**	**-1.00E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	-4.60E-09	-5.10E-09	6.80E-09	-6.00E-09	-9.42E-09	-9.64E-09	-8.57E-09	-7.14E-09
URI (ΔCDF)	-2.90E-09	-2.90E-09	-2.80E-09	-2.30E-09	-2.31E-09	-2.28E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.50E-09**	**-8.00E-09**	**4.00E-09**	**-8.30E-09**	**-1.20E-08**	**-1.20E-08**	**-1.10E-08**	**-9.40E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-2.70E-08	3.20E-08	4.90E-08	3.60E-08	4.42E-08	1.08E-07	1.05E-07	3.64E-08
URI (ΔCDF)	-6.80E-08	-6.60E-08	1.40E-07	1.00E-07	1.08E-07	1.13E-07	1.18E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.50E-08**	**-3.40E-08**	**1.89E-07**	**1.36E-07**	**1.50E-07**	**2.20E-07**	**2.20E-07**	**1.50E-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	0.000060	0.000064	0.000071	0.000066	0.000069	0.000077	0.000083	0.000076	0.000075	0.000090	0.000085	0.000088
Technical specification limit	1.0	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	0.000087	0.001610	0.001790	0	0.000093	0.000187	0.000067	0.000065	0.000073	0.000097	0.000083	0.000079
Technical specification limit	1.0	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**	**0.2**	**0.2**	**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	0.064	0.042	0.045	0.049	0.039	0.045	0.041	0.036	0.048	0.041	0.051	0.044
Technical specification limit	10.0	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**	**0.4**	**0.5**	**0.5**	**0.4**	**0.5**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**
Reactor Coolant System Leakage	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum leakage	0.053	0.038	0.086	0.030	0.041	0.041	0.044	0.081	0.042	0.034	0.057	0.043
Technical specification limit	10.0	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**	**0.4**	**0.9**	**0.3**	**0.4**	**0.4**	**0.4**	**0.8**	**0.4**	**0.3**	**0.6**	**0.4**

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	3.0	93.0	56.0	0	1.0	9.0	68.0	110.0
Total opportunities	3.0	93.0	59.0	0	2.0	11.0	73.0	113.0
Indicator value	**98.1%**	**99.0%**	**98.1%**	**97.3%**	**96.9%**	**95.8%**	**95.5%**	**96.0%**

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	111.0	129.0	129.0	129.0	114.0	113.0	117.0	126.0
Total Key personnel	115.0	130.0	130.0	130.0	116.0	117.0	117.0	126.0
Indicator value	**96.5%**	**99.2%**	**99.2%**	**99.2%**	**98.3%**	**96.6%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	255	254	256	224	256	191	219	223
Total sirens-tests	256	256	256	224	256	192	224	224
Indicator value	**99.8%**	**99.6%**	**99.7%**	**99.7%**	**99.8%**	**99.9%**	**99.3%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: January 24, 2011

South Texas 2

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	0	1.0	0
Critical hours	2184.0	1951.9	2209.0	2062.2	1469.6	2208.0	1674.0	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2184.0	1951.9	2209.0	2062.2	1469.6	2208.0	1674.0	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

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	1	0	0	0	0	0
Indicator value	**0**	**0**	**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/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	1.70E-07	2.40E-07	2.30E-07	2.13E-07	-1.69E-07	-9.95E-08	-9.38E-08	-3.46E-10
URI (ΔCDF)	-8.20E-07	-8.00E-07	-5.50E-07	-5.34E-07	-3.99E-07	-3.78E-07	-3.81E-07	-3.81E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-07**	**-5.60E-07**	**-3.20E-07**	**-3.20E-07**	**-5.70E-07**	**-4.80E-07**	**-4.70E-07**	**-3.80E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	-1.70E-08	2.00E-08	-1.50E-08	-1.20E-08	-5.11E-08	-5.11E-08	-5.11E-08	-4.78E-08
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.20E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.10E-08**	**6.00E-09**	**-2.70E-08**	**-2.40E-08**	**-6.30E-08**	**-6.30E-08**	**-6.30E-08**	**-5.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	1.50E-07	1.40E-07	7.40E-08	2.40E-08	9.93E-08	2.54E-08	-1.36E-08	-3.59E-09
URI (ΔCDF)	-1.80E-07	-1.80E-07	-8.60E-08	-8.60E-08	-8.56E-08	-8.52E-08	-8.63E-08	-8.58E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-08**	**-4.00E-08**	**-1.20E-08**	**-6.20E-08**	**1.40E-08**	**-6.00E-08**	**-1.00E-07**	**-8.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	-5.10E-09	6.80E-09	-6.00E-09	-9.42E-09	-9.64E-09	-8.57E-09	-7.14E-09	-1.10E-09
URI (ΔCDF)	-2.90E-09	-2.80E-09	-2.30E-09	-2.31E-09	-2.28E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.00E-09**	**4.00E-09**	**-8.30E-09**	**-1.20E-08**	**-1.20E-08**	**-1.10E-08**	**-9.40E-09**	**-3.30E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	3.20E-08	4.90E-08	3.60E-08	4.42E-08	1.08E-07	1.05E-07	3.64E-08	4.76E-08
URI (ΔCDF)	-6.60E-08	1.40E-07	1.00E-07	1.08E-07	1.13E-07	1.18E-07	1.18E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.40E-08**	**1.89E-07**	**1.36E-07**	**1.50E-07**	**2.20E-07**	**2.20E-07**	**1.50E-07**	**1.70E-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	0.000066	0.000069	0.000077	0.000083	0.000076	0.000075	0.000090	0.000085	0.000088	0.000087	0.001610	0.001790
Technical specification limit	1.0	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**	**0.2**	**0.2**

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	0.000093	0.000187	0.000067	0.000065	0.000073	0.000097	0.000083	0.000079	0.000095	0.000094	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

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	0.049	0.039	0.045	0.041	0.036	0.048	0.041	0.051	0.044	0.053	0.038	0.086
Technical specification limit	10.0	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**	**0.4**	**0.5**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.9**
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	0.030	0.041	0.041	0.044	0.081	0.042	0.034	0.057	0.043	0.045	0.036	0.032
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.4**	**0.4**	**0.4**	**0.8**	**0.4**	**0.3**	**0.6**	**0.4**	**0.5**	**0.4**	**0.3**

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	93.0	56.0	0	1.0	9.0	68.0	110.0	14.0
Total opportunities	93.0	59.0	0	2.0	11.0	73.0	113.0	14.0
Indicator value	**99.0%**	**98.1%**	**97.3%**	**96.9%**	**95.8%**	**95.5%**	**96.0%**	**96.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	129.0	129.0	129.0	114.0	113.0	117.0	126.0	125.0
Total Key personnel	130.0	130.0	130.0	116.0	117.0	117.0	126.0	126.0
Indicator value	**99.2%**	**99.2%**	**99.2%**	**98.3%**	**96.6%**	**100.0%**	**100.0%**	**99.2%**

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	254	256	224	256	191	219	223	256
Total sirens-tests	256	256	224	256	192	224	224	256
Indicator value	**99.6%**	**99.7%**	**99.7%**	**99.8%**	**99.9%**	**99.3%**	**99.2%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: May 4, 2011

South Texas 2

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	0	1.0	0	0
Critical hours	1951.9	2209.0	2062.2	1469.6	2208.0	1674.0	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	1951.9	2209.0	2062.2	1469.6	2208.0	1674.0	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	2.40E-07	2.30E-07	2.13E-07	-1.69E-07	-9.95E-08	-9.38E-08	-3.46E-10	9.16E-08
URI (ΔCDF)	-8.00E-07	-5.50E-07	-5.34E-07	-3.99E-07	-3.78E-07	-3.81E-07	-3.81E-07	-3.81E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-07**	**-3.20E-07**	**-3.20E-07**	**-5.70E-07**	**-4.80E-07**	**-4.70E-07**	**-3.80E-07**	**-2.90E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	2.00E-08	-1.50E-08	-1.20E-08	-5.11E-08	-5.11E-08	-5.11E-08	-4.78E-08	5.06E-08
URI (ΔCDF)	-1.40E-08	-1.20E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.00E-09**	**-2.70E-08**	**-2.40E-08**	**-6.30E-08**	**-6.30E-08**	**-6.30E-08**	**-5.90E-08**	**3.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	1.40E-07	7.40E-08	2.40E-08	9.93E-08	2.54E-08	-1.36E-08	-3.59E-09	-2.57E-09
URI (ΔCDF)	-1.80E-07	-8.60E-08	-8.60E-08	-8.56E-08	-8.52E-08	-8.63E-08	-8.58E-08	-8.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-1.20E-08**	**-6.20E-08**	**1.40E-08**	**-6.00E-08**	**-1.00E-07**	**-8.90E-08**	**-8.80E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	6.80E-09	-6.00E-09	-9.42E-09	-9.64E-09	-8.57E-09	-7.14E-09	-1.10E-09	7.54E-09
URI (ΔCDF)	-2.80E-09	-2.30E-09	-2.31E-09	-2.28E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-09**	**-8.30E-09**	**-1.20E-08**	**-1.20E-08**	**-1.10E-08**	**-9.40E-09**	**-3.30E-09**	**5.30E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	4.90E-08	3.60E-08	4.42E-08	1.08E-07	1.05E-07	3.64E-08	4.76E-08	4.70E-08
URI (ΔCDF)	1.40E-07	1.00E-07	1.08E-07	1.13E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.89E-07**	**1.36E-07**	**1.50E-07**	**2.20E-07**	**2.20E-07**	**1.50E-07**	**1.70E-07**	**1.60E-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	0.000083	0.000076	0.000075	0.000090	0.000085	0.000088	0.000087	0.001610	0.001790	0	0.000093	0.000187
Technical specification limit	1.0	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**	**0.2**	**0.2**	**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	0.000067	0.000065	0.000073	0.000097	0.000083	0.000079	0.000095	0.000094	0.000090	0.000096	0.000110	0.000109
Technical specification limit	1.0	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	0.041	0.036	0.048	0.041	0.051	0.044	0.053	0.038	0.086	0.030	0.041	0.041
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.9**	**0.3**	**0.4**	**0.4**
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	0.044	0.081	0.042	0.034	0.057	0.043	0.045	0.036	0.032	0.035	0.045	0.037
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.8**	**0.4**	**0.3**	**0.6**	**0.4**	**0.5**	**0.4**	**0.3**	**0.4**	**0.5**	**0.4**

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	56.0	0	1.0	9.0	68.0	110.0	14.0	10.0
Total opportunities	59.0	0	2.0	11.0	73.0	113.0	14.0	10.0
Indicator value	**98.1%**	**97.3%**	**96.9%**	**95.8%**	**95.5%**	**96.0%**	**96.2%**	**95.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	129.0	129.0	114.0	113.0	117.0	126.0	125.0	125.0
Total Key personnel	130.0	130.0	116.0	117.0	117.0	126.0	126.0	125.0
Indicator value	**99.2%**	**99.2%**	**98.3%**	**96.6%**	**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	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	256	224	256	191	219	223	256	224
Total sirens-tests	256	224	256	192	224	224	256	224
Indicator value	**99.7%**	**99.7%**	**99.8%**	**99.9%**	**99.3%**	**99.2%**	**99.2%**	**99.4%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: July 22, 2011

South Texas 2

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	0	1.0	0	0	0
Critical hours	2209.0	2062.2	1469.6	2208.0	1674.0	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	0	1.0	0	1.0
Critical hours	2209.0	2062.2	1469.6	2208.0	1674.0	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**1.7**

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	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/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	2.30E-07	2.13E-07	-1.69E-07	-9.95E-08	-9.38E-08	-3.46E-10	9.16E-08	1.37E-08
URI (ΔCDF)	-5.50E-07	-5.34E-07	-3.99E-07	-3.78E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-07**	**-3.20E-07**	**-5.70E-07**	**-4.80E-07**	**-4.70E-07**	**-3.80E-07**	**-2.90E-07**	**-3.70E-07**

Licensee Comments:

3Q/11: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

4Q/10: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	-1.50E-08	-1.20E-08	-5.11E-08	-5.11E-08	-5.11E-08	-4.78E-08	5.06E-08	5.46E-08
URI (ΔCDF)	-1.20E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.70E-08**	**-2.40E-08**	**-6.30E-08**	**-6.30E-08**	**-6.30E-08**	**-5.90E-08**	**3.90E-08**	**4.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	7.40E-08	2.40E-08	9.93E-08	2.54E-08	-1.36E-08	-3.59E-09	-2.57E-09	8.05E-10
URI (ΔCDF)	-8.60E-08	-8.60E-08	-8.56E-08	-8.52E-08	-8.63E-08	-8.58E-08	-8.52E-08	-8.45E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-08**	**-6.20E-08**	**1.40E-08**	**-6.00E-08**	**-1.00E-07**	**-8.90E-08**	**-8.80E-08**	**-8.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	-6.00E-09	-9.42E-09	-9.64E-09	-8.57E-09	-7.14E-09	-1.10E-09	7.54E-09	1.64E-09
URI (ΔCDF)	-2.30E-09	-2.31E-09	-2.28E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.30E-09**	**-1.20E-08**	**-1.20E-08**	**-1.10E-08**	**-9.40E-09**	**-3.30E-09**	**5.30E-09**	**-6.10E-10**

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)	3.60E-08	4.42E-08	1.08E-07	1.05E-07	3.64E-08	4.76E-08	4.70E-08	4.40E-08
URI (ΔCDF)	1.00E-07	1.08E-07	1.13E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.36E-07**	**1.50E-07**	**2.20E-07**	**2.20E-07**	**1.50E-07**	**1.70E-07**	**1.60E-07**	**1.60E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**
Maximum activity	0.000090	0.000085	0.000088	0.000087	0.001610	0.001790	0	0.000093	0.000187	0.000067	0.000065	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**	**0.2**	**0.2**	**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	0.000097	0.000083	0.000079	0.000095	0.000094	0.000090	0.000096	0.000110	0.000109	0.000110	0.000107	0.000120
Technical specification limit	1.0	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	0.041	0.051	0.044	0.053	0.038	0.086	0.030	0.041	0.041	0.044	0.081	0.042
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.9**	**0.3**	**0.4**	**0.4**	**0.4**	**0.8**	**0.4**
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	0.034	0.057	0.043	0.045	0.036	0.032	0.035	0.045	0.037	0.045	0.048	0.048
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.6**	**0.4**	**0.5**	**0.4**	**0.3**	**0.4**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**

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	0	1.0	9.0	68.0	110.0	14.0	10.0	102.0
Total opportunities	0	2.0	11.0	73.0	113.0	14.0	10.0	104.0
Indicator value	**97.3%**	**96.9%**	**95.8%**	**95.5%**	**96.0%**	**96.2%**	**95.0%**	**96.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	129.0	114.0	113.0	117.0	126.0	125.0	125.0	138.0
Total Key personnel	130.0	116.0	117.0	117.0	126.0	126.0	125.0	138.0
Indicator value	**99.2%**	**98.3%**	**96.6%**	**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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	224	256	191	219	223	256	224	256
Total sirens-tests	224	256	192	224	224	256	224	256
Indicator value	**99.7%**	**99.8%**	**99.9%**	**99.3%**	**99.2%**	**99.2%**	**99.4%**	**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	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: November 29, 2011

South Texas 2

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	0	1.0	0	0	0	1.0
Critical hours	2062.2	1469.6	2208.0	1674.0	2159.0	2184.0	2208.0	868.4
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**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	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	0	1.0	0	1.0	0
Critical hours	2062.2	1469.6	2208.0	1674.0	2159.0	2184.0	2208.0	868.4
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**1.7**	**1.9**

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	**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/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	2.13E-07	-1.69E-07	-9.95E-08	-9.38E-08	-3.46E-10	9.16E-08	1.37E-08	6.02E-08
URI (ΔCDF)	-5.34E-07	-3.99E-07	-3.78E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-07**	**-5.70E-07**	**-4.80E-07**	**-4.70E-07**	**-3.80E-07**	**-2.90E-07**	**-3.70E-07**	**-3.20E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	-1.20E-08	-5.11E-08	-5.11E-08	-5.11E-08	-4.78E-08	5.06E-08	5.46E-08	7.15E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.40E-08**	**-6.30E-08**	**-6.30E-08**	**-6.30E-08**	**-5.90E-08**	**3.90E-08**	**4.30E-08**	**6.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	2.40E-08	9.93E-08	2.54E-08	-1.36E-08	-3.59E-09	-2.57E-09	8.05E-10	-9.36E-09
URI (ΔCDF)	-8.60E-08	-8.56E-08	-8.52E-08	-8.63E-08	-8.58E-08	-8.52E-08	-8.45E-08	-8.48E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-08**	**1.40E-08**	**-6.00E-08**	**-1.00E-07**	**-8.90E-08**	**-8.80E-08**	**-8.40E-08**	**-9.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-9.42E-09	-9.64E-09	-8.57E-09	-7.14E-09	-1.10E-09	7.54E-09	1.64E-09	1.74E-08
URI (ΔCDF)	-2.31E-09	-2.28E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-08**	**-1.20E-08**	**-1.10E-08**	**-9.40E-09**	**-3.30E-09**	**5.30E-09**	**-6.10E-10**	**1.50E-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)	4.42E-08	1.08E-07	1.05E-07	3.64E-08	4.76E-08	4.70E-08	4.40E-08	4.81E-08
URI (ΔCDF)	1.08E-07	1.13E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**2.20E-07**	**2.20E-07**	**1.50E-07**	**1.70E-07**	**1.60E-07**	**1.60E-07**	**1.70E-07**

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	0.000087	0.001610	0.001790	0	0.000093	0.000187	0.000067	0.000065	0.000073	0.000097	0.000083	0.000079
Technical specification limit	1.0	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**	**0.2**	**0.2**	**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	0.000095	0.000094	0.000090	0.000096	0.000110	0.000109	0.000110	0.000107	0.000120	0.000120	0.000050	0
Technical specification limit	1.0	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:

12/11: Unit 2 did not operate during December 2011

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	0.053	0.038	0.086	0.030	0.041	0.041	0.044	0.081	0.042	0.034	0.057	0.043
Technical specification limit	10.0	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**	**0.4**	**0.9**	**0.3**	**0.4**	**0.4**	**0.4**	**0.8**	**0.4**	**0.3**	**0.6**	**0.4**
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	0.045	0.036	0.032	0.035	0.045	0.037	0.045	0.048	0.048	0.252	0.063	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**	**0.4**	**0.3**	**0.4**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**2.5**	**0.6**	**0**

Licensee Comments:

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required.

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	1.0	9.0	68.0	110.0	14.0	10.0	102.0	0
Total opportunities	2.0	11.0	73.0	113.0	14.0	10.0	104.0	0
Indicator value	**96.9%**	**95.8%**	**95.5%**	**96.0%**	**96.2%**	**95.0%**	**96.0%**	**96.0%**

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	114.0	113.0	117.0	126.0	125.0	125.0	138.0	135.0
Total Key personnel	116.0	117.0	117.0	126.0	126.0	125.0	138.0	135.0
Indicator value	**98.3%**	**96.6%**	**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	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	256	191	219	223	256	224	256	256
Total sirens-tests	256	192	224	224	256	224	256	256
Indicator value	**99.8%**	**99.9%**	**99.3%**	**99.2%**	**99.2%**	**99.4%**	**99.9%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

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

South Texas 2

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	0	1.0	0	0	0	1.0	0
Critical hours	1469.6	2208.0	1674.0	2159.0	2184.0	2208.0	868.4	0
Indicator value	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.9**	**0.9**	**1.3**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	0	1.0	0	1.0	0	0
Critical hours	1469.6	2208.0	1674.0	2159.0	2184.0	2208.0	868.4	0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**1.7**	**1.9**	**1.3**

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

Licensee Comments:

1Q/12: Investigation determined in Nov 2011 (2RE15) and also April 2010 (2RE14) U2 transitioned from Mode 4 to Mode 3 with both channels of SSPS generated turbine trip signals defeated. Reported in LER-2-2011-3 - U2 mode change with turbine trip disabled.

2Q/10: Changed SSFF date from 4Q08 to 4Q09. LER 2-08-002 R0 on 10/08 did not consider SSFF. Re-submitted LER 2-08-002 R1 on 10/09. NRC's position is that SSFF date should correspond to the LER report date. Correction did not result in color change.

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)	-1.69E-07	-9.95E-08	-9.38E-08	-3.46E-10	9.16E-08	1.37E-08	6.02E-08	2.53E-08
URI (ΔCDF)	-3.99E-07	-3.78E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.77E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-07**	**-4.80E-07**	**-4.70E-07**	**-3.80E-07**	**-2.90E-07**	**-3.70E-07**	**-3.20E-07**	**-3.50E-07**

Licensee Comments:

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in acordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated. 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

3Q/11: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

4Q/10: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

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)	-5.11E-08	-5.11E-08	-5.11E-08	-4.78E-08	5.06E-08	5.46E-08	7.15E-08	1.78E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-08**	**-6.30E-08**	**-6.30E-08**	**-5.90E-08**	**3.90E-08**	**4.30E-08**	**6.00E-08**	**6.20E-09**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	9.93E-08	2.54E-08	-1.36E-08	-3.59E-09	-2.57E-09	8.05E-10	-9.36E-09	1.62E-09
URI (ΔCDF)	-8.56E-08	-8.52E-08	-8.63E-08	-8.58E-08	-8.52E-08	-8.45E-08	-8.48E-08	-8.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-08**	**-6.00E-08**	**-1.00E-07**	**-8.90E-08**	**-8.80E-08**	**-8.40E-08**	**-9.40E-08**	**-8.20E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	-9.64E-09	-8.57E-09	-7.14E-09	-1.10E-09	7.54E-09	1.64E-09	1.74E-08	4.04E-09
URI (ΔCDF)	-2.28E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-08**	**-1.10E-08**	**-9.40E-09**	**-3.30E-09**	**5.30E-09**	**-6.10E-10**	**1.50E-08**	**1.80E-09**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	1.08E-07	1.05E-07	3.64E-08	4.76E-08	4.70E-08	4.40E-08	4.81E-08	2.66E-08
URI (ΔCDF)	1.13E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.20E-07**	**1.50E-07**	**1.70E-07**	**1.60E-07**	**1.60E-07**	**1.70E-07**	**1.40E-07**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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	0.000093	0.000187	0.000067	0.000065	0.000073	0.000097	0.000083	0.000079	0.000095	0.000094	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	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	0.000096	0.000110	0.000109	0.000110	0.000107	0.000120	0.000120	0.000050	N/A	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**N/A**	**N/A**

Licensee Comments:

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS Max I-131 Activitymonitoring is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

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	0.030	0.041	0.041	0.044	0.081	0.042	0.034	0.057	0.043	0.045	0.036	0.032
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.4**	**0.4**	**0.4**	**0.8**	**0.4**	**0.3**	**0.6**	**0.4**	**0.5**	**0.4**	**0.3**
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	0.035	0.045	0.037	0.045	0.048	0.048	0.252	0.063	N/A	N/A	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**2.5**	**0.6**	**N/A**	**N/A**	**N/A**	**N/A**

Licensee Comments:

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	9.0	68.0	110.0	14.0	10.0	102.0	0	16.0
Total opportunities	11.0	73.0	113.0	14.0	10.0	104.0	0	19.0
Indicator value	**95.8%**	**95.5%**	**96.0%**	**96.2%**	**95.0%**	**96.0%**	**96.0%**	**95.6%**

Licensee Comments: none

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	113.0	117.0	126.0	125.0	125.0	138.0	135.0	121.0
Total Key personnel	117.0	117.0	126.0	126.0	125.0	138.0	135.0	121.0
Indicator value	**96.6%**	**100.0%**	**100.0%**	**99.2%**	**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	191	219	223	256	224	256	256	255
Total sirens-tests	192	224	224	256	224	256	256	256
Indicator value	**99.9%**	**99.3%**	**99.2%**	**99.2%**	**99.4%**	**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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	1	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

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

South Texas 2

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	0	1.0	0	0	0	1.0	0	0
Critical hours	2208.0	1674.0	2159.0	2184.0	2208.0	868.4	0	1693.6
Indicator value	**0**	**0.9**	**0.9**	**0.9**	**0.9**	**0.9**	**1.3**	**1.5**

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	1.0	0	1.0	0	0	0
Critical hours	2208.0	1674.0	2159.0	2184.0	2208.0	868.4	0	1693.6
Indicator value	**0**	**0**	**0.9**	**0.9**	**1.7**	**1.9**	**1.3**	**1.5**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	0	0	0	0	0	2	0
Indicator value	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**2**

Licensee Comments:

1Q/12: Investigation determined in Nov 2011 (2RE15) and also April 2010 (2RE14) U2 transitioned from Mode 4 to Mode 3 with both channels of SSPS generated turbine trip signals defeated. Reported in LER-2-2011-3 - U2 mode change with turbine trip disabled.

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)	-9.95E-08	-9.38E-08	-3.46E-10	9.16E-08	1.37E-08	6.02E-08	2.53E-08	4.03E-07
URI (ΔCDF)	-3.78E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.77E-07	-3.74E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.80E-07**	**-4.70E-07**	**-3.80E-07**	**-2.90E-07**	**-3.70E-07**	**-3.20E-07**	**-3.50E-07**	**2.90E-08**

Licensee Comments:

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in acordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated. 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

3Q/11: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

4Q/10: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

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)	-5.11E-08	-5.11E-08	-4.78E-08	5.06E-08	5.46E-08	7.15E-08	1.78E-08	3.31E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-08**	**-6.30E-08**	**-5.90E-08**	**3.90E-08**	**4.30E-08**	**6.00E-08**	**6.20E-09**	**2.10E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	2.54E-08	-1.36E-08	-3.59E-09	-2.57E-09	8.05E-10	-9.36E-09	1.62E-09	2.08E-08
URI (ΔCDF)	-8.52E-08	-8.63E-08	-8.58E-08	-8.52E-08	-8.45E-08	-8.48E-08	-8.41E-08	-8.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-08**	**-1.00E-07**	**-8.90E-08**	**-8.80E-08**	**-8.40E-08**	**-9.40E-08**	**-8.20E-08**	**-6.30E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	-8.57E-09	-7.14E-09	-1.10E-09	7.54E-09	1.64E-09	1.74E-08	4.04E-09	1.35E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-08**	**-9.40E-09**	**-3.30E-09**	**5.30E-09**	**-6.10E-10**	**1.50E-08**	**1.80E-09**	**1.10E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	1.05E-07	3.64E-08	4.76E-08	4.70E-08	4.40E-08	4.81E-08	2.66E-08	6.66E-09
URI (ΔCDF)	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**1.50E-07**	**1.70E-07**	**1.60E-07**	**1.60E-07**	**1.70E-07**	**1.40E-07**	**1.20E-07**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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	0.000067	0.000065	0.000073	0.000097	0.000083	0.000079	0.000095	0.000094	0.000090	0.000096	0.000110	0.000109
Technical specification limit	1.0	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	0.000110	0.000107	0.000120	0.000120	0.000050	N/A	N/A	N/A	N/A	0.000041	0.000053	0.000060
Technical specification limit	1.0	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**	**N/A**	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**

Licensee Comments:

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS Max I-131 Activitymonitoring is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

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	0.044	0.081	0.042	0.034	0.057	0.043	0.045	0.036	0.032	0.035	0.045	0.037
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.8**	**0.4**	**0.3**	**0.6**	**0.4**	**0.5**	**0.4**	**0.3**	**0.4**	**0.5**	**0.4**
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	0.045	0.048	0.048	0.252	0.063	N/A	N/A	N/A	N/A	0.036	0.071	0.046
Technical specification limit	10.0	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**	**0.5**	**0.5**	**2.5**	**0.6**	**N/A**	**N/A**	**N/A**	**N/A**	**0.4**	**0.7**	**0.5**

Licensee Comments:

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

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	68.0	110.0	14.0	10.0	99.0	0	16.0	12.0
Total opportunities	73.0	113.0	14.0	10.0	101.0	0	19.0	12.0
Indicator value	**95.5%**	**96.0%**	**96.2%**	**95.0%**	**96.0%**	**96.0%**	**95.6%**	**96.2%**

Licensee Comments:

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

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	117.0	126.0	125.0	125.0	138.0	135.0	121.0	122.0
Total Key personnel	117.0	126.0	126.0	125.0	138.0	135.0	121.0	122.0
Indicator value	**100.0%**	**100.0%**	**99.2%**	**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	219	223	256	224	256	256	255	256
Total sirens-tests	224	224	256	224	256	256	256	256
Indicator value	**99.3%**	**99.2%**	**99.2%**	**99.4%**	**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	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	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

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.

South Texas 2

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	0	0	1.0	0	0	0
Critical hours	1674.0	2159.0	2184.0	2208.0	868.4	0	1693.6	2208.0
Indicator value	**0.9**	**0.9**	**0.9**	**0.9**	**0.9**	**1.3**	**1.5**	**1.5**

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	1.0	0	1.0	0	0	0	0
Critical hours	1674.0	2159.0	2184.0	2208.0	868.4	0	1693.6	2208.0
Indicator value	**0**	**0.9**	**0.9**	**1.7**	**1.9**	**1.3**	**1.5**	**0**

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	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/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	0	0	0	0	2	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**2**

Licensee Comments:

1Q/12: Investigation determined in Nov 2011 (2RE15) and also April 2010 (2RE14) U2 transitioned from Mode 4 to Mode 3 with both channels of SSPS generated turbine trip signals defeated. Reported in LER-2-2011-3 - U2 mode change with turbine trip disabled.

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)	-9.38E-08	-3.46E-10	9.16E-08	1.37E-08	6.02E-08	2.53E-08	4.03E-07	3.69E-07
URI (ΔCDF)	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.77E-07	-3.74E-07	-3.71E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.70E-07**	**-3.80E-07**	**-2.90E-07**	**-3.70E-07**	**-3.20E-07**	**-3.50E-07**	**2.90E-08**	**-2.10E-09**

Licensee Comments:

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in acordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated. 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

3Q/11: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

4Q/10: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

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)	-5.11E-08	-4.78E-08	5.06E-08	5.46E-08	7.15E-08	1.78E-08	3.31E-08	4.88E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-08**	**-5.90E-08**	**3.90E-08**	**4.30E-08**	**6.00E-08**	**6.20E-09**	**2.10E-08**	**3.70E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	-1.36E-08	-3.59E-09	-2.57E-09	8.05E-10	-9.36E-09	1.62E-09	2.08E-08	3.66E-08
URI (ΔCDF)	-8.63E-08	-8.58E-08	-8.52E-08	-8.45E-08	-8.48E-08	-8.41E-08	-8.34E-08	-8.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-8.90E-08**	**-8.80E-08**	**-8.40E-08**	**-9.40E-08**	**-8.20E-08**	**-6.30E-08**	**-4.60E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	-7.14E-09	-1.10E-09	7.54E-09	1.64E-09	1.74E-08	4.04E-09	1.35E-08	2.11E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.40E-09**	**-3.30E-09**	**5.30E-09**	**-6.10E-10**	**1.50E-08**	**1.80E-09**	**1.10E-08**	**1.90E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	3.64E-08	4.76E-08	4.70E-08	4.40E-08	4.81E-08	2.66E-08	6.66E-09	2.51E-09
URI (ΔCDF)	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	-3.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**1.70E-07**	**1.60E-07**	**1.60E-07**	**1.70E-07**	**1.40E-07**	**1.20E-07**	**-3.70E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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	0.000097	0.000083	0.000079	0.000095	0.000094	0.000090	0.000096	0.000110	0.000109	0.000110	0.000107	0.000120
Technical specification limit	1.0	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	0.000120	0.000050	N/A	N/A	N/A	N/A	0.000041	0.000053	0.000060	0.000054	0.000063	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**	**N/A**	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS Max I-131 Activitymonitoring is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.034	0.057	0.043	0.045	0.036	0.032	0.035	0.045	0.037	0.045	0.048	0.048
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.6**	**0.4**	**0.5**	**0.4**	**0.3**	**0.4**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**

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	0.252	0.063	N/A	N/A	N/A	N/A	0.036	0.071	0.046	0.025	0.036	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.5**	**0.6**	**N/A**	**N/A**	**N/A**	**N/A**	**0.4**	**0.7**	**0.5**	**0.3**	**0.4**	**0.5**

Licensee Comments:

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	110.0	14.0	10.0	99.0	0	16.0	12.0	67.0
Total opportunities	113.0	14.0	10.0	101.0	0	19.0	12.0	68.0
Indicator value	**96.0%**	**96.2%**	**95.0%**	**96.0%**	**96.0%**	**95.6%**	**96.2%**	**97.3%**

Licensee Comments:

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

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	126.0	125.0	125.0	138.0	135.0	121.0	122.0	122.0
Total Key personnel	126.0	126.0	125.0	138.0	135.0	121.0	122.0	122.0
Indicator value	**100.0%**	**99.2%**	**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	223	256	224	256	256	255	256	256
Total sirens-tests	224	256	224	256	256	256	256	256
Indicator value	**99.2%**	**99.2%**	**99.4%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**

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

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

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

South Texas 2

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	0	0	1.0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	868.4	0	1693.6	2208.0	2209.0
Indicator value	**0.9**	**0.9**	**0.9**	**0.9**	**1.3**	**1.5**	**1.5**	**0**

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	1.0	0	1.0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	868.4	0	1693.6	2208.0	2209.0
Indicator value	**0.9**	**0.9**	**1.7**	**1.9**	**1.3**	**1.5**	**0**	**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	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	0	0	0	0	2	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**2**	**2**	**2**	**2**

Licensee Comments:

1Q/12: Investigation determined in Nov 2011 (2RE15) and also April 2010 (2RE14) U2 transitioned from Mode 4 to Mode 3 with both channels of SSPS generated turbine trip signals defeated. Reported in LER-2-2011-3 - U2 mode change with turbine trip disabled.

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)	-3.46E-10	9.16E-08	1.37E-08	6.02E-08	2.53E-08	4.03E-07	3.69E-07	5.11E-07
URI (ΔCDF)	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.77E-07	-3.74E-07	-3.71E-07	-3.67E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.80E-07**	**-2.90E-07**	**-3.70E-07**	**-3.20E-07**	**-3.50E-07**	**2.90E-08**	**-2.10E-09**	**1.40E-07**

Licensee Comments:

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in acordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated. 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

3Q/11: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

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)	-4.78E-08	5.06E-08	5.46E-08	7.15E-08	1.78E-08	3.31E-08	4.88E-08	4.36E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.90E-08**	**3.90E-08**	**4.30E-08**	**6.00E-08**	**6.20E-09**	**2.10E-08**	**3.70E-08**	**3.20E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	-3.59E-09	-2.57E-09	8.05E-10	-9.36E-09	1.62E-09	2.08E-08	3.66E-08	6.01E-08
URI (ΔCDF)	-8.58E-08	-8.52E-08	-8.45E-08	-8.48E-08	-8.41E-08	-8.34E-08	-8.26E-08	-8.18E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.90E-08**	**-8.80E-08**	**-8.40E-08**	**-9.40E-08**	**-8.20E-08**	**-6.30E-08**	**-4.60E-08**	**-2.20E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	-1.10E-09	7.54E-09	1.64E-09	1.74E-08	4.04E-09	1.35E-08	2.11E-08	1.64E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.30E-09**	**5.30E-09**	**-6.10E-10**	**1.50E-08**	**1.80E-09**	**1.10E-08**	**1.90E-08**	**1.40E-08**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	4.76E-08	4.70E-08	4.40E-08	4.81E-08	2.66E-08	6.66E-09	2.51E-09	3.38E-08
URI (ΔCDF)	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	-3.96E-08	-3.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-07**	**1.60E-07**	**1.60E-07**	**1.70E-07**	**1.40E-07**	**1.20E-07**	**-3.70E-08**	**-5.80E-09**

Licensee Comments:

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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	0.000095	0.000094	0.000090	0.000096	0.000110	0.000109	0.000110	0.000107	0.000120	0.000120	0.000050	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**	**0**	**N/A**

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	N/A	N/A	N/A	0.000041	0.000053	0.000060	0.000054	0.000063	0.000062	0.000071	0.000073	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	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS Max I-131 Activitymonitoring is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

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	0.045	0.036	0.032	0.035	0.045	0.037	0.045	0.048	0.048	0.252	0.063	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.5**	**0.4**	**0.3**	**0.4**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**2.5**	**0.6**	**N/A**

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	N/A	N/A	N/A	0.036	0.071	0.046	0.025	0.036	0.045	0.051	0.065	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	**N/A**	**N/A**	**N/A**	**0.4**	**0.7**	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.7**	**0.4**

Licensee Comments:

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required.

Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

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	14.0	10.0	99.0	0	16.0	12.0	68.0	28.0
Total opportunities	14.0	10.0	101.0	0	19.0	12.0	70.0	28.0
Indicator value	**96.2%**	**95.0%**	**96.0%**	**96.0%**	**95.6%**	**96.2%**	**97.1%**	**97.2%**

Licensee Comments:

4Q/12: Corrected Successful opportunities in Q3/2013 due to missed emergency classification in September 2012. (CR 13-650)

3Q/12: Corrected Successful opportunities in 3Q12 due to missed emergency classification in September 2012. (CR 13-650)

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

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	125.0	125.0	138.0	135.0	121.0	122.0	121.0	122.0
Total Key personnel	126.0	125.0	138.0	135.0	121.0	122.0	122.0	122.0
Indicator value	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**

Licensee Comments:

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	256	224	256	256	255	256	256	224
Total sirens-tests	256	224	256	256	256	256	256	224
Indicator value	**99.2%**	**99.4%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	1	0	0	0	0
Indicator value	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**0**

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

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.

South Texas 2

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	0	0	1.0	0	0	0	0	2.0
Critical hours	2184.0	2208.0	868.4	0	1693.6	2208.0	2209.0	124.8
Indicator value	**0.9**	**0.9**	**0.9**	**1.3**	**1.5**	**1.5**	**0**	**2.2**

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	0	1.0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	868.4	0	1693.6	2208.0	2209.0	124.8
Indicator value	**0.9**	**1.7**	**1.9**	**1.3**	**1.5**	**0**	**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	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

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

Licensee Comments:

1Q/12: Investigation determined in Nov 2011 (2RE15) and also April 2010 (2RE14) U2 transitioned from Mode 4 to Mode 3 with both channels of SSPS generated turbine trip signals defeated. Reported in LER-2-2011-3 - U2 mode change with turbine trip disabled.

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)	9.16E-08	1.37E-08	6.02E-08	2.53E-08	4.03E-07	3.69E-07	5.11E-07	6.55E-07
URI (ΔCDF)	-3.80E-07	-3.80E-07	-3.80E-07	-3.77E-07	-3.74E-07	-3.71E-07	-3.67E-07	-3.66E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-07**	**-3.70E-07**	**-3.20E-07**	**-3.50E-07**	**2.90E-08**	**-2.10E-09**	**1.40E-07**	**2.90E-07**

Licensee Comments:

1Q/13: The Planned UA Baseline coefficient for EDG A (DG 21 Unit 2) was updated to remove unavailable hours related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 2Q13. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in acordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated. 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

3Q/11: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	5.06E-08	5.46E-08	7.15E-08	1.78E-08	3.31E-08	4.88E-08	4.36E-08	-3.97E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.90E-08**	**4.30E-08**	**6.00E-08**	**6.20E-09**	**2.10E-08**	**3.70E-08**	**3.20E-08**	**-5.10E-08**

Licensee Comments:

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-2.57E-09	8.05E-10	-9.36E-09	1.62E-09	2.08E-08	3.66E-08	6.01E-08	2.03E-08
URI (ΔCDF)	-8.65E-08	-8.58E-08	-8.61E-08	-8.54E-08	-8.47E-08	-8.39E-08	-8.31E-08	-8.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.90E-08**	**-8.50E-08**	**-9.50E-08**	**-8.40E-08**	**-6.40E-08**	**-4.70E-08**	**-2.30E-08**	**-6.40E-08**

Licensee Comments:

1Q/13: Changed PRA Parameter(s). PRA URPCr coefficient for 3S142MPA04 (AFW 24) data error from 4Q09 was identified. Corrected parameter from 3.37E-02 to 3.37E-03 effective 1Q10. This error had no effect on the color of the indicator. Reference CR 13-623. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

4Q/12: Changed PRA Parameter(s).

3Q/12: Changed PRA Parameter(s).

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

1Q/12: Changed PRA Parameter(s). 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

4Q/11: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	7.54E-09	1.64E-09	1.74E-08	4.04E-09	1.35E-08	2.11E-08	1.64E-08	-5.40E-09
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.30E-09**	**-6.10E-10**	**1.50E-08**	**1.80E-09**	**1.10E-08**	**1.90E-08**	**1.40E-08**	**-7.60E-09**

Licensee Comments:

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	4.70E-08	4.40E-08	4.81E-08	2.66E-08	6.66E-09	2.51E-09	3.38E-08	4.34E-08
URI (ΔCDF)	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	-3.96E-08	-3.96E-08	-3.99E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.60E-07**	**1.60E-07**	**1.70E-07**	**1.40E-07**	**1.20E-07**	**-3.70E-08**	**-5.80E-09**	**3.50E-09**

Licensee Comments:

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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	0.000096	0.000110	0.000109	0.000110	0.000107	0.000120	0.000120	0.000050	N/A	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**N/A**	**N/A**

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	0.000041	0.000053	0.000060	0.000054	0.000063	0.000062	0.000071	0.000073	0.000073	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**N/A**

Licensee Comments:

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December

instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS Max I-131 Activitymonitoring is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum leakage	0.035	0.045	0.037	0.045	0.048	0.048	0.252	0.063	N/A	N/A	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**2.5**	**0.6**	**N/A**	**N/A**	**N/A**	**N/A**
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	0.036	0.071	0.046	0.025	0.036	0.045	0.051	0.065	0.040	0.031	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.7**	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.7**	**0.4**	**0.3**	**N/A**	**N/A**

Licensee Comments:

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	10.0	99.0	0	16.0	12.0	68.0	28.0	6.0
Total opportunities	10.0	101.0	0	19.0	12.0	70.0	28.0	6.0
Indicator value	**95.0%**	**96.0%**	**96.0%**	**95.6%**	**96.2%**	**97.1%**	**97.2%**	**97.2%**

Licensee Comments:

4Q/12: Corrected Successful opportunities in Q3/2013 due to missed emergency classification in September 2012. (CR 13-650)

3Q/12: Corrected Successful opportunities in 3Q12 due to missed emergency classification in September 2012. (CR 13-650)

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	125.0	138.0	135.0	121.0	122.0	121.0	122.0	126.0
Total Key personnel	125.0	138.0	135.0	121.0	122.0	122.0	122.0	126.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**

Licensee Comments:

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who

missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

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	224	256	256	255	256	256	224	288
Total sirens-tests	224	256	256	256	256	256	224	288
Indicator value	**99.4%**	**99.9%**	**100.0%**	**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	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	1	0	0	0	0	0
Indicator value	**0**	**0**	**1**	**1**	**1**	**1**	**0**	**0**

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

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

South Texas 2

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	1.0	0	0	0	0	2.0	0
Critical hours	2208.0	868.4	0	1693.6	2208.0	2209.0	124.8	1729.5
Indicator value	**0.9**	**0.9**	**1.3**	**1.5**	**1.5**	**0**	**2.2**	**2.2**

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	1.0	0	0	0	0	0	0	0
Critical hours	2208.0	868.4	0	1693.6	2208.0	2209.0	124.8	1729.5
Indicator value	**1.7**	**1.9**	**1.3**	**1.5**	**0**	**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	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)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	0	0	2	0	0	0	0	0
Indicator value	**0**	**0**	**2**	**2**	**2**	**2**	**0**	**0**

Licensee Comments:

1Q/12: Investigation determined in Nov 2011 (2RE15) and also April 2010 (2RE14) U2 transitioned from Mode 4 to Mode 3 with both channels of SSPS generated turbine trip signals defeated. Reported in LER-2-2011-3 - U2 mode change with turbine trip disabled.

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)	1.37E-08	6.02E-08	2.53E-08	4.03E-07	3.69E-07	5.11E-07	6.55E-07	4.14E-07
URI (ΔCDF)	-3.80E-07	-3.80E-07	-3.77E-07	-3.74E-07	-3.71E-07	-3.67E-07	-3.66E-07	-7.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-07**	**-3.20E-07**	**-3.50E-07**	**2.90E-08**	**-2.10E-09**	**1.40E-07**	**2.90E-07**	**-3.60E-07**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: The Planned UA Baseline coefficient for EDG A (DG 21 Unit 2) was updated to remove unavailable hours related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 2Q13. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in acordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated. 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

3Q/11: Corrected EDG 23 Actual ESF Non-Test run hours and demands for November 2010. Data was inadvertently transposed. Reference CR 11-12704. The corrections did not affect the color of the indicators.

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)	5.46E-08	7.15E-08	1.78E-08	3.31E-08	4.88E-08	4.36E-08	-3.97E-08	-1.75E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.30E-08**	**6.00E-08**	**6.20E-09**	**2.10E-08**	**3.70E-08**	**3.20E-08**	**-5.10E-08**	**-4.30E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	8.05E-10	-9.36E-09	1.62E-09	2.08E-08	3.66E-08	6.01E-08	2.03E-08	2.87E-08
URI (ΔCDF)	-8.58E-08	-8.61E-08	-8.54E-08	-8.47E-08	-8.39E-08	-8.31E-08	-8.40E-08	-5.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.50E-08**	**-9.50E-08**	**-8.40E-08**	**-6.40E-08**	**-4.70E-08**	**-2.30E-08**	**-6.40E-08**	**-3.10E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: Changed PRA Parameter(s). PRA URPCr coefficient for 3S142MPA04 (AFW 24) data error from 4Q09 was identified. Corrected parameter from 3.37E-02 to 3.37E-03 effective 1Q10. This error had no effect on the color of the indicator. Reference CR 13-623. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

4Q/12: Changed PRA Parameter(s).

3Q/12: Changed PRA Parameter(s).

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

1Q/12: Changed PRA Parameter(s). 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

4Q/11: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	1.64E-09	1.74E-08	4.04E-09	1.35E-08	2.11E-08	1.64E-08	-5.40E-09	2.75E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-10**	**1.50E-08**	**1.80E-09**	**1.10E-08**	**1.90E-08**	**1.40E-08**	**-7.60E-09**	**1.60E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	4.40E-08	4.81E-08	2.66E-08	6.66E-09	2.51E-09	3.38E-08	4.34E-08	4.13E-08
URI (ΔCDF)	1.18E-07	1.18E-07	1.18E-07	1.18E-07	-3.96E-08	-3.96E-08	-3.99E-08	-3.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.60E-07**	**1.70E-07**	**1.40E-07**	**1.20E-07**	**-3.70E-08**	**-5.80E-09**	**3.50E-09**	**2.80E-09**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum activity	0.000110	0.000107	0.000120	0.000120	0.000050	N/A	N/A	N/A	N/A	0.000041	0.000053	0.000060
Technical specification limit	1.0	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**	**N/A**	**N/A**	**N/A**	**N/A**	**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	0.000054	0.000063	0.000062	0.000071	0.000073	0.000073	N/A	N/A	N/A	0.000064	0.000082	0.000076
Technical specification limit	1.0	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**	**N/A**	**N/A**	**0**	**0**	**0**

Licensee Comments:

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS Max I-131 Activitymonitoring is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12

Maximum leakage	0.045	0.048	0.048	0.252	0.063	N/A	N/A	N/A	N/A	0.036	0.071	0.046
Technical specification limit	10.0	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**	**0.5**	**0.5**	**2.5**	**0.6**	**N/A**	**N/A**	**N/A**	**N/A**	**0.4**	**0.7**	**0.5**
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	0.025	0.036	0.045	0.051	0.065	0.040	0.031	N/A	N/A	0.059	0.031	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.4**	**0.5**	**0.5**	**0.7**	**0.4**	**0.3**	**N/A**	**N/A**	**0.6**	**0.3**	**0.3**

Licensee Comments:

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

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	99.0	0	16.0	12.0	68.0	28.0	6.0	3.0
Total opportunities	101.0	0	19.0	12.0	70.0	28.0	6.0	3.0
Indicator value	**96.0%**	**96.0%**	**95.6%**	**96.2%**	**97.1%**	**97.2%**	**97.2%**	**97.1%**

Licensee Comments:

4Q/12: Corrected Successful opportunities in Q3/2013 due to missed emergency classification in September 2012. (CR 13-650)

3Q/12: Corrected Successful opportunities in 3Q12 due to missed emergency classification in September 2012. (CR 13-650)

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

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	139.0	136.0	122.0	123.0	122.0	123.0	126.0	120.0
Total Key personnel	139.0	136.0	122.0	123.0	123.0	123.0	126.0	120.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/13: Correction to Total counted and participated numbers for 1Q11, 2Q11, 3Q11, 4Q11, 1Q12, 2Q12, 3Q12, 4Q12. The changes did not affect the color of the indicator. CR 13-5434

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

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	256	256	255	256	256	224	288	224
Total sirens-tests	256	256	256	256	256	224	288	224
Indicator value	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**

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	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	1	0	0	0	0	0	0
Indicator value	**0**	**1**	**1**	**1**	**1**	**0**	**0**	**0**

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

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

South Texas 2

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	1.0	0	0	0	0	2.0	0	0
Critical hours	868.4	0	1693.6	2208.0	2209.0	124.8	1729.5	2208.0
Indicator value	**0.9**	**1.3**	**1.5**	**1.5**	**0**	**2.2**	**2.2**	**2.2**

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	0	0	0	0	0	0	0	0
Critical hours	868.4	0	1693.6	2208.0	2209.0	124.8	1729.5	2208.0
Indicator value	**1.9**	**1.3**	**1.5**	**0**	**0**	**0**	**0**	**0**

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	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

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

Licensee Comments:

1Q/12: Investigation determined in Nov 2011 (2RE15) and also April 2010 (2RE14) U2 transitioned from Mode 4 to Mode 3 with both channels of SSPS generated turbine trip signals defeated. Reported in LER-2-2011-3 - U2 mode change with turbine trip disabled.

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)	6.02E-08	2.53E-08	4.03E-07	3.69E-07	5.11E-07	6.55E-07	4.14E-07	3.68E-07
URI (ΔCDF)	-3.80E-07	-3.77E-07	-3.74E-07	-3.71E-07	-3.67E-07	-3.66E-07	-7.72E-07	-7.67E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-07**	**-3.50E-07**	**2.90E-08**	**-2.10E-09**	**1.40E-07**	**2.90E-07**	**-3.60E-07**	**-4.00E-07**

Licensee Comments:

3Q/13: EAC FV values changed due to revision of PRA-12-012 Rev. 1. These will be effective 4Q13. (CR 13-10480)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: The Planned UA Baseline coefficient for EDG A (DG 21 Unit 2) was updated to remove unavailable hours related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 2Q13. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in acordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated. 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	7.15E-08	1.78E-08	3.31E-08	4.88E-08	4.36E-08	-3.97E-08	-1.75E-08	-1.92E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.00E-08**	**6.20E-09**	**2.10E-08**	**3.70E-08**	**3.20E-08**	**-5.10E-08**	**-4.30E-08**	**-4.50E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	-9.36E-09	1.62E-09	2.08E-08	3.66E-08	6.01E-08	2.03E-08	2.87E-08	4.35E-08
URI (ΔCDF)	-8.61E-08	-8.54E-08	-8.47E-08	-8.39E-08	-8.31E-08	-8.40E-08	-5.92E-08	-5.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.50E-08**	**-8.40E-08**	**-6.40E-08**	**-4.70E-08**	**-2.30E-08**	**-6.40E-08**	**-3.10E-08**	**-1.60E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: Changed PRA Parameter(s). PRA URPCr coefficient for 3S142MPA04 (AFW 24) data error from 4Q09 was identified. Corrected parameter from 3.37E-02 to 3.37E-03 effective 1Q10. This error had no effect on the color of the indicator. Reference CR 13-623. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

4Q/12: Changed PRA Parameter(s).

3Q/12: Changed PRA Parameter(s).

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

1Q/12: Changed PRA Parameter(s). 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

4Q/11: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	1.74E-08	4.04E-09	1.35E-08	2.11E-08	1.64E-08	-5.40E-09	2.75E-08	2.53E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-08**	**1.80E-09**	**1.10E-08**	**1.90E-08**	**1.40E-08**	**-7.60E-09**	**1.60E-08**	**1.40E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	4.81E-08	2.66E-08	6.66E-09	2.51E-09	3.38E-08	4.34E-08	4.13E-08	4.96E-08
URI (ΔCDF)	1.18E-07	1.18E-07	1.18E-07	-3.96E-08	-3.96E-08	-3.99E-08	-3.85E-08	-3.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-07**	**1.40E-07**	**1.20E-07**	**-3.70E-08**	**-5.80E-09**	**3.50E-09**	**2.80E-09**	**1.10E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved

1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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	0.000120	0.000050	N/A	N/A	N/A	N/A	0.000041	0.000053	0.000060	0.000054	0.000063	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**	**N/A**	**N/A**	**N/A**	**N/A**	**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	0.000071	0.000073	0.000073	N/A	N/A	N/A	0.000064	0.000082	0.000076	0.000081	0.000094	0.000087
Technical specification limit	1.0	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**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS Max I-131 Activitymonitoring is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0.252	0.063	N/A	N/A	N/A	N/A	0.036	0.071	0.046	0.025	0.036	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	**2.5**	**0.6**	**N/A**	**N/A**	**N/A**	**N/A**	**0.4**	**0.7**	**0.5**	**0.3**	**0.4**	**0.5**
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	0.051	0.065	0.040	0.031	N/A	N/A	0.059	0.031	0.034	0.040	0.032	0.031
Technical specification limit	10.0	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**	**0.7**	**0.4**	**0.3**	**N/A**	**N/A**	**0.6**	**0.3**	**0.3**	**0.4**	**0.3**	**0.3**

Licensee Comments:

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on on 11/301/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required. Inadvertently placed 0 in Dec.. Corrected to reflect NA-Final NA. as specified in NEI 99-002.

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	0	16.0	12.0	68.0	28.0	6.0	3.0	81.0
Total opportunities	0	19.0	12.0	70.0	28.0	6.0	3.0	86.0
Indicator value	**96.0%**	**95.6%**	**96.2%**	**97.1%**	**97.2%**	**97.2%**	**97.1%**	**95.5%**

Licensee Comments:

4Q/12: Corrected Successful opportunities in Q3/2013 due to missed emergency classification in September 2012. (CR 13-650)

3Q/12: Corrected Successful opportunities in 3Q12 due to missed emergency classification in September 2012. (CR 13-650)

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

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	122.0	123.0	122.0	123.0	126.0	120.0	119.0
Total Key personnel	136.0	122.0	123.0	123.0	123.0	126.0	120.0	119.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/13: Correction to Total counted and participated numbers for 1Q11, 2Q11, 3Q11, 4Q11, 1Q12, 2Q12, 3Q12, 4Q12. The changes did not affect the color of the indicator. CR 13-5434

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

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	256	255	256	256	224	288	224	256
Total sirens-tests	256	256	256	256	224	288	224	256
Indicator value	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**

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	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	1	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

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

South Texas 2

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	0	0	0	2.0	0	0	0
Critical hours	0	1693.6	2208.0	2209.0	124.8	1729.5	2208.0	1379.8
Indicator value	**1.3**	**1.5**	**1.5**	**0**	**2.2**	**2.2**	**2.2**	**2.6**

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	0	1.0
Critical hours	0	1693.6	2208.0	2209.0	124.8	1729.5	2208.0	1379.8
Indicator value	**1.3**	**1.5**	**0**	**0**	**0**	**0**	**0**	**1.3**

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	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)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	2	0	0	0	0	0	0	0
Indicator value	**2**	**2**	**2**	**2**	**0**	**0**	**0**	**0**

Licensee Comments:

1Q/12: Investigation determined in Nov 2011 (2RE15) and also April 2010 (2RE14) U2 transitioned from Mode 4 to Mode 3 with both channels of SSPS generated turbine trip signals defeated. Reported in LER-2-2011-3 - U2 mode change with turbine trip disabled.

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)	2.53E-08	4.03E-07	3.69E-07	5.11E-07	6.55E-07	4.14E-07	3.68E-07	1.02E-07
URI (ΔCDF)	-3.77E-07	-3.74E-07	-3.71E-07	-3.67E-07	-3.66E-07	-7.72E-07	-7.67E-07	-7.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.50E-07**	**2.90E-08**	**-2.10E-09**	**1.40E-07**	**2.90E-07**	**-3.60E-07**	**-4.00E-07**	**-6.60E-07**

Licensee Comments:

4Q/13: Changed PRA Parameter(s).

3Q/13: EAC FV values changed due to revision of PRA-12-012 Rev. 1. These will be effective 4Q13. (CR 13-10480)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: The Planned UA Baseline coefficient for EDG A (DG 21 Unit 2) was updated to remove unavailable hours related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 2Q13. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in acordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated

run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated. 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	1.78E-08	3.31E-08	4.88E-08	4.36E-08	-3.97E-08	-1.75E-08	-1.92E-08	-2.76E-09
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.20E-09**	**2.10E-08**	**3.70E-08**	**3.20E-08**	**-5.10E-08**	**-4.30E-08**	**-4.50E-08**	**-2.80E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	1.62E-09	2.08E-08	3.66E-08	6.01E-08	2.03E-08	2.87E-08	4.35E-08	7.17E-08
URI (ΔCDF)	-8.54E-08	-8.47E-08	-8.39E-08	-8.31E-08	-8.40E-08	-5.92E-08	-5.92E-08	-5.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.40E-08**	**-6.40E-08**	**-4.70E-08**	**-2.30E-08**	**-6.40E-08**	**-3.10E-08**	**-1.60E-08**	**1.40E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: Changed PRA Parameter(s). PRA URPCr coefficient for 3S142MPA04 (AFW 24) data error from 4Q09 was identified. Corrected parameter from 3.37E-02 to 3.37E-03 effective 1Q10. This error had no effect on the color of the indicator. Reference CR 13-623. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

4Q/12: Changed PRA Parameter(s).

3Q/12: Changed PRA Parameter(s).

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

1Q/12: Changed PRA Parameter(s). 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	4.04E-09	1.35E-08	2.11E-08	1.64E-08	-5.40E-09	2.75E-08	2.53E-08	3.60E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-09**	**1.10E-08**	**1.90E-08**	**1.40E-08**	**-7.60E-09**	**1.60E-08**	**1.40E-08**	**2.50E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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)	2.66E-08	6.66E-09	2.51E-09	3.38E-08	4.34E-08	4.13E-08	4.96E-08	1.01E-07
URI (ΔCDF)	1.18E-07	1.18E-07	-3.96E-08	-3.96E-08	-3.99E-08	-3.85E-08	-3.85E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-07**	**1.20E-07**	**-3.70E-08**	**-5.80E-09**	**3.50E-09**	**2.80E-09**	**1.10E-08**	**6.30E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

1Q/12: 1Q12 - Unit 2 was in a Forced Outage (F1102) January - March 2012.

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	N/A	N/A	N/A	0.000041	0.000053	0.000060	0.000054	0.000063	0.000062	0.000071	0.000073	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	**N/A**	**N/A**	**N/A**	**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	N/A	N/A	N/A	0.000064	0.000082	0.000076	0.000081	0.000094	0.000087	0.000096	0.000082	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	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**

Licensee Comments:

12/13: December Unit 2 I-131 steady state data not available due to plant conditions.

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Max I-131 Activity surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum leakage	N/A	N/A	N/A	0.036	0.071	0.046	0.025	0.036	0.045	0.051	0.065	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	**N/A**	**N/A**	**N/A**	**0.4**	**0.7**	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.7**	**0.4**

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	0.031	N/A	N/A	0.059	0.031	0.034	0.040	0.032	0.031	0.030	0.075	0.154
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**N/A**	**N/A**	**0.6**	**0.3**	**0.3**	**0.4**	**0.3**	**0.3**	**0.3**	**0.8**	**1.5**

Licensee Comments:

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

3/12: U2 Rx trip on 11/29/11 due to Main Generator fault CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11. U2 remained in Mode 5 in a Forced Outage (F1102) through March 2012, therefore, the RCS Leakage surveillance was not required to be performed. Inadvertently placed 0 in the field in December instead of not entering a value. Corrected the data field and status field to reflect NA-Final NA. as specified in NEI 99-02.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	16.0	12.0	68.0	28.0	6.0	3.0	81.0	7.0
Total opportunities	19.0	12.0	70.0	28.0	6.0	3.0	86.0	8.0

Indicator value	**95.6%**	**96.2%**	**97.1%**	**97.2%**	**97.2%**	**97.1%**	**95.5%**	**95.3%**

Licensee Comments:

4Q/12: Corrected Successful opportunities in Q3/2013 due to missed emergency classification in September 2012. (CR 13-650)

3Q/12: Corrected Successful opportunities in 3Q12 due to missed emergency classification in September 2012. (CR 13-650)

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
Participating Key personnel	122.0	123.0	122.0	123.0	126.0	120.0	119.0	117.0
Total Key personnel	122.0	123.0	123.0	123.0	126.0	120.0	119.0	117.0
Indicator value	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/13: Correction to Total counted and participated numbers for 1Q11, 2Q11, 3Q11, 4Q11, 1Q12, 2Q12, 3Q12, 4Q12. The changes did not affect the color of the indicator. CR 13-5434

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	255	256	256	224	288	224	256	224
Total sirens-tests	256	256	256	224	288	224	256	224

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	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

South Texas 2

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	0	0	0	2.0	0	0	0	0
Critical hours	1693.6	2208.0	2209.0	124.8	1729.5	2208.0	1379.8	2159.0
Indicator value	**1.5**	**1.5**	**0**	**2.2**	**2.2**	**2.2**	**2.6**	**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	0	1.0	0
Critical hours	1693.6	2208.0	2209.0	124.8	1729.5	2208.0	1379.8	2159.0
Indicator value	**1.5**	**0**	**0**	**0**	**0**	**0**	**1.3**	**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	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)	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	**2**	**2**	**2**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

1Q/14: LER Unit 2 2014-001-00, Standy Diesel 23 Cooling Water Leak

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)	4.03E-07	3.69E-07	5.11E-07	6.55E-07	4.14E-07	3.68E-07	1.02E-07	1.02E-07
URI (ΔCDF)	-3.74E-07	-3.71E-07	-3.67E-07	-3.66E-07	-7.72E-07	-7.67E-07	-7.59E-07	-7.53E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-08**	**-2.10E-09**	**1.40E-07**	**2.90E-07**	**-3.60E-07**	**-4.00E-07**	**-6.60E-07**	**-6.50E-07**

Licensee Comments:

4Q/13: Changed PRA Parameter(s).

3Q/13: EAC FV values changed due to revision of PRA-12-012 Rev. 1. These will be effective 4Q13. (CR 13-10480)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: The Planned UA Baseline coefficient for EDG A (DG 21 Unit 2) was updated to remove unavailable hours related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 2Q13. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	3.31E-08	4.88E-08	4.36E-08	-3.97E-08	-1.75E-08	-1.92E-08	-2.76E-09	-2.25E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-08**	**3.70E-08**	**3.20E-08**	**-5.10E-08**	**-4.30E-08**	**-4.50E-08**	**-2.80E-08**	**-4.80E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	2.08E-08	3.66E-08	6.01E-08	2.03E-08	2.87E-08	4.35E-08	7.17E-08	5.07E-08
URI (ΔCDF)	-8.47E-08	-8.39E-08	-8.31E-08	-8.40E-08	-5.92E-08	-5.92E-08	-5.79E-08	-5.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-08**	**-4.70E-08**	**-2.30E-08**	**-6.40E-08**	**-3.10E-08**	**-1.60E-08**	**1.40E-08**	**-7.30E-09**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: Changed PRA Parameter(s). PRA URPCr coefficient for 3S142MPA04 (AFW 24) data error from 4Q09 was identified. Corrected parameter from 3.37E-02 to 3.37E-03 effective 1Q10. This error had no effect on the color of the indicator. Reference CR 13-623. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

4Q/12: Changed PRA Parameter(s).

3Q/12: Changed PRA Parameter(s).

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

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	1.35E-08	2.11E-08	1.64E-08	-5.40E-09	2.75E-08	2.53E-08	3.60E-08	2.17E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-08**	**1.90E-08**	**1.40E-08**	**-7.60E-09**	**1.60E-08**	**1.40E-08**	**2.50E-08**	**1.00E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	6.66E-09	2.51E-09	3.38E-08	4.34E-08	4.13E-08	4.96E-08	1.01E-07	1.06E-07
URI (ΔCDF)	1.18E-07	-3.96E-08	-3.96E-08	-3.99E-08	-3.85E-08	-3.85E-08	-3.84E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-07**	**-3.70E-08**	**-5.80E-09**	**3.50E-09**	**2.80E-09**	**1.10E-08**	**6.30E-08**	**6.80E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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	0.000041	0.000053	0.000060	0.000054	0.000063	0.000062	0.000071	0.000073	0.000073	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**N/A**

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	0.000064	0.000082	0.000076	0.000081	0.000094	0.000087	0.000096	0.000082	N/A	0.000041	0.000041	0.000038
Technical specification limit	1.0	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**	**N/A**	**0**	**0**	**0**

Licensee Comments:

12/13: December Unit 2 I-131 steady state data not available due to plant conditions.

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

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	0.036	0.071	0.046	0.025	0.036	0.045	0.051	0.065	0.040	0.031	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.7**	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.7**	**0.4**	**0.3**	**N/A**	**N/A**

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	0.059	0.031	0.034	0.040	0.032	0.031	0.030	0.075	0.154	0.050	0.026	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.6**	**0.3**	**0.3**	**0.4**	**0.3**	**0.3**	**0.3**	**0.8**	**1.5**	**0.5**	**0.3**	**0.2**

Licensee Comments:

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

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	12.0	68.0	28.0	6.0	3.0	77.0	7.0	38.0
Total opportunities	12.0	70.0	28.0	6.0	3.0	82.0	8.0	40.0
Indicator value	**96.2%**	**97.1%**	**97.2%**	**97.2%**	**97.1%**	**95.5%**	**95.2%**	**96.0%**

Licensee Comments:

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

3Q/13: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

4Q/12: Corrected Successful opportunities in Q3/2013 due to missed emergency classification in September 2012. (CR 13-650)

3Q/12: Corrected Successful opportunities in 3Q12 due to missed emergency classification in September 2012. (CR 13-650)

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

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	123.0	122.0	123.0	126.0	120.0	119.0	117.0	124.0
Total Key personnel	123.0	123.0	123.0	126.0	120.0	119.0	117.0	124.0
Indicator value	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/13: Correction to Total counted and participated numbers for 1Q11, 2Q11, 3Q11, 4Q11, 1Q12, 2Q12, 3Q12, 4Q12. The changes did not affect the color of the indicator. CR 13-5434

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed

a PI opportunity in the previous 8 quarters. (CR 13-650).

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	256	256	224	288	224	256	224	288
Total sirens-tests	256	256	224	288	224	256	224	288
Indicator value	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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	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	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

South Texas 2

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	0	2.0	0	0	0	0	0
Critical hours	2208.0	2209.0	124.8	1729.5	2208.0	1379.8	2159.0	2184.0
Indicator value	**1.5**	**0**	**2.2**	**2.2**	**2.2**	**2.6**	**0**	**0**

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	0	1.0	0	0
Critical hours	2208.0	2209.0	124.8	1729.5	2208.0	1379.8	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.3**	**0.9**	**0.9**

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	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)	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	**2**	**2**	**0**	**0**	**0**	**0**	**1**	**1**

Licensee Comments:

1Q/14: LER Unit 2 2014-001-00, Standy Diesel 23 Cooling Water Leak

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)	3.69E-07	5.11E-07	6.55E-07	4.14E-07	3.68E-07	1.02E-07	1.02E-07	9.97E-08
URI (ΔCDF)	-3.71E-07	-3.67E-07	-3.66E-07	-7.72E-07	-7.67E-07	-7.59E-07	-7.53E-07	-7.47E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-09**	**1.40E-07**	**2.90E-07**	**-3.60E-07**	**-4.00E-07**	**-6.60E-07**	**-6.50E-07**	**-6.50E-07**

Licensee Comments:

4Q/13: Changed PRA Parameter(s).

3Q/13: EAC FV values changed due to revision of PRA-12-012 Rev. 1. These will be effective 4Q13. (CR 13-10480)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: The Planned UA Baseline coefficient for EDG A (DG 21 Unit 2) was updated to remove unavailable hours related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 2Q13. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	4.88E-08	4.36E-08	-3.97E-08	-1.75E-08	-1.92E-08	-2.76E-09	-2.25E-08	-3.65E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-08**	**3.20E-08**	**-5.10E-08**	**-4.30E-08**	**-4.50E-08**	**-2.80E-08**	**-4.80E-08**	**-6.20E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	3.66E-08	6.01E-08	2.03E-08	2.87E-08	4.35E-08	7.17E-08	5.07E-08	4.90E-08
URI (ΔCDF)	-8.39E-08	-8.31E-08	-8.40E-08	-5.92E-08	-5.92E-08	-5.79E-08	-5.79E-08	-5.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.70E-08**	**-2.30E-08**	**-6.40E-08**	**-3.10E-08**	**-1.60E-08**	**1.40E-08**	**-7.30E-09**	**-8.90E-09**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: Changed PRA Parameter(s). PRA URPCr coefficient for 3S142MPA04 (AFW 24) data error from 4Q09 was identified. Corrected parameter from 3.37E-02 to 3.37E-03 effective 1Q10. This error had no effect on the color of the indicator. Reference CR 13-623. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

4Q/12: Changed PRA Parameter(s).

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	2.11E-08	1.64E-08	-5.40E-09	2.75E-08	2.53E-08	3.60E-08	2.17E-08	2.95E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-2.25E-09	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-08**	**1.40E-08**	**-7.60E-09**	**1.60E-08**	**1.40E-08**	**2.50E-08**	**1.00E-08**	**1.80E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	2.51E-09	3.38E-08	4.34E-08	4.13E-08	4.96E-08	1.01E-07	1.06E-07	1.30E-07
URI (ΔCDF)	-3.96E-08	-3.96E-08	-3.99E-08	-3.85E-08	-3.85E-08	-3.84E-08	-3.84E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-08**	**-5.80E-09**	**3.50E-09**	**2.80E-09**	**1.10E-08**	**6.30E-08**	**6.80E-08**	**9.20E-08**

Licensee Comments:

2Q/14: Revision 17 MSPI Bases Document - Revised Cooling Water System diagram to reflect removal of lube water strainers and supply line to pump bearings (CR 12-91-32)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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	0.000054	0.000063	0.000062	0.000071	0.000073	0.000073	N/A	N/A	N/A	0.000064	0.000082	0.000076
Technical specification limit	1.0	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**	**N/A**	**N/A**	**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	0.000081	0.000094	0.000087	0.000096	0.000082	N/A	0.000041	0.000041	0.000038	0.000041	0.000044	0.000047
Technical specification limit	1.0	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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

12/13: December Unit 2 I-131 steady state data not available due to plant conditions.

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage

spanning 1Q13.

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	0.025	0.036	0.045	0.051	0.065	0.040	0.031	N/A	N/A	0.059	0.031	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.4**	**0.5**	**0.5**	**0.7**	**0.4**	**0.3**	**N/A**	**N/A**	**0.6**	**0.3**	**0.3**

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	0.040	0.032	0.031	0.030	0.075	0.154	0.050	0.026	0.018	0.034	0.027	0.025
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.3**	**0.3**	**0.3**	**0.8**	**1.5**	**0.5**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**

Licensee Comments:

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

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	68.0	28.0	6.0	3.0	77.0	7.0	38.0	177.0
Total opportunities	70.0	28.0	6.0	3.0	82.0	8.0	40.0	183.0
Indicator value	**97.1%**	**97.2%**	**97.2%**	**97.1%**	**95.5%**	**95.2%**	**96.0%**	**96.2%**

Licensee Comments:

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

3Q/13: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

4Q/12: Corrected Successful opportunities in Q3/2013 due to missed emergency classification in September 2012. (CR 13-650)

3Q/12: Corrected Successful opportunities in 3Q12 due to missed emergency classification in September 2012. (CR 13-650)

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	122.0	123.0	126.0	120.0	119.0	117.0	124.0	123.0
Total Key personnel	123.0	123.0	126.0	120.0	119.0	117.0	124.0	123.0
Indicator value	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/13: Correction to Total counted and participated numbers for 1Q11, 2Q11, 3Q11, 4Q11, 1Q12, 2Q12, 3Q12, 4Q12. The changes did not affect the color of the indicator. CR 13-5434

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who missed a PI opportunity in the previous 8 quarters. (CR 13-650).

3Q/12: Corrected total participating key personnel in 3Q12. Failed to account for Shift Communicator who

missed a PI opportunity in the previous 8 quarters. (CR 13-650).

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	256	224	288	224	256	224	288	672
Total sirens-tests	256	224	288	224	256	224	288	672
Indicator value	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**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	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

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

South Texas 2

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	0	2.0	0	0	0	0	0	0
Critical hours	2209.0	124.8	1729.5	2208.0	1379.8	2159.0	2184.0	2208.0
Indicator value	**0**	**2.2**	**2.2**	**2.2**	**2.6**	**0**	**0**	**0**

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	0	1.0	0	0	0
Critical hours	2209.0	124.8	1729.5	2208.0	1379.8	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**1.3**	**0.9**	**0.9**	**0.9**

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	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)	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	**2**	**0**	**0**	**0**	**0**	**1**	**1**	**1**

Licensee Comments:

1Q/14: LER Unit 2 2014-001-00, Standy Diesel 23 Cooling Water Leak

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	5.11E-07	6.55E-07	4.14E-07	3.68E-07	1.02E-07	1.02E-07	9.96E-08	9.82E-08
URI (ΔCDF)	-3.67E-07	-3.66E-07	-7.72E-07	-7.67E-07	-7.59E-07	-7.53E-07	-7.47E-07	-7.42E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-07**	**2.90E-07**	**-3.60E-07**	**-4.00E-07**	**-6.60E-07**	**-6.50E-07**	**-6.50E-07**	**-6.40E-07**

Licensee Comments:

3Q/14: Planned unavailable hours corrected for May 2014 for EDG 23. This did not change the color of the indicator. CR 14-16801

4Q/13: Changed PRA Parameter(s).

3Q/13: EAC FV values changed due to revision of PRA-12-012 Rev. 1. These will be effective 4Q13. (CR 13-10480)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: The Planned UA Baseline coefficient for EDG A (DG 21 Unit 2) was updated to remove unavailable hours related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 2Q13. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	4.36E-08	-3.97E-08	-1.75E-08	-1.92E-08	-2.76E-09	-2.25E-08	-3.65E-08	-3.65E-08
URI (ΔCDF)	-1.16E-08	-1.16E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.20E-08**	**-5.10E-08**	**-4.30E-08**	**-4.50E-08**	**-2.80E-08**	**-4.80E-08**	**-6.20E-08**	**-6.20E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	6.01E-08	2.03E-08	2.87E-08	4.35E-08	7.17E-08	5.07E-08	4.90E-08	8.61E-08
URI (ΔCDF)	-8.31E-08	-8.40E-08	-5.92E-08	-5.92E-08	-5.79E-08	-5.79E-08	-5.79E-08	-5.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-08**	**-6.40E-08**	**-3.10E-08**	**-1.60E-08**	**1.40E-08**	**-7.30E-09**	**-8.90E-09**	**2.80E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: Changed PRA Parameter(s). PRA URPCr coefficient for 3S142MPA04 (AFW 24) data error from 4Q09 was identified. Corrected parameter from 3.37E-02 to 3.37E-03 effective 1Q10. This error had no effect on the color of the indicator. Reference CR 13-623. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	1.64E-08	-5.40E-09	2.75E-08	2.53E-08	3.60E-08	2.17E-08	2.95E-08	7.45E-08
URI (ΔCDF)	-2.25E-09	-2.25E-09	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-08**	**-7.60E-09**	**1.60E-08**	**1.40E-08**	**2.50E-08**	**1.00E-08**	**1.80E-08**	**6.30E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	3.38E-08	4.34E-08	4.13E-08	4.96E-08	1.01E-07	1.06E-07	1.30E-07	1.26E-07
URI (ΔCDF)	-3.96E-08	-3.99E-08	-3.85E-08	-3.85E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-09**	**3.50E-09**	**2.80E-09**	**1.10E-08**	**6.30E-08**	**6.80E-08**	**9.20E-08**	**8.70E-08**

Licensee Comments:

2Q/14: Revision 17 MSPI Bases Document - Revised Cooling Water System diagram to reflect removal of lube water strainers and supply line to pump bearings (CR 12-91-32)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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	0.000071	0.000073	0.000073	N/A	N/A	N/A	0.000064	0.000082	0.000076	0.000081	0.000094	0.000087
Technical specification limit	1.0	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**	**N/A**	**N/A**	**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	0.000096	0.000082	N/A	0.000041	0.000041	0.000038	0.000041	0.000044	0.000047	0.000041	0.000046	0.000052
Technical specification limit	1.0	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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

12/13: December Unit 2 I-131 steady state data not available due to plant conditions.

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage

spanning 1Q13.

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum leakage	0.051	0.065	0.040	0.031	N/A	N/A	0.059	0.031	0.034	0.040	0.032	0.031
Technical specification limit	10.0	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**	**0.7**	**0.4**	**0.3**	**N/A**	**N/A**	**0.6**	**0.3**	**0.3**	**0.4**	**0.3**	**0.3**

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	0.030	0.075	0.154	0.050	0.026	0.018	0.034	0.027	0.025	0.023	0.026	0.023
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.8**	**1.5**	**0.5**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**

Licensee Comments:

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

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	28.0	6.0	3.0	77.0	7.0	37.0	177.0	69.0
Total opportunities	28.0	6.0	3.0	82.0	8.0	40.0	183.0	70.0
Indicator value	**97.2%**	**97.2%**	**97.1%**	**95.5%**	**95.2%**	**95.6%**	**96.0%**	**96.2%**

Licensee Comments:

3Q/14: Corrected data from 1Q14 from 38 to 37 successful drill, exercise and event opportunities. It was determined that a performance indicator for a drill classification was unsuccessful. CR 14-12671. This did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

3Q/13: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change

did not affect the color of the indicator.

4Q/12: Corrected Successful opportunities in Q3/2013 due to missed emergency classification in September 2012. (CR 13-650)

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	126.0	120.0	119.0	117.0	124.0	123.0	120.0
Total Key personnel	123.0	126.0	120.0	119.0	117.0	124.0	123.0	121.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**

Licensee Comments:

2Q/13: Correction to Total counted and participated numbers for 1Q11, 2Q11, 3Q11, 4Q11, 1Q12, 2Q12, 3Q12, 4Q12. The changes did not affect the color of the indicator. CR 13-5434

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

4Q/12: Corrected total Participating key personnel in Q3/2012. Failed to account for Shift Communicator who missed a PI opportunity in the previsou 8 quarters. (CR 13-650)

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	224	288	224	256	224	288	672	256
Total sirens-tests	224	288	224	256	224	288	672	256
Indicator value	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: November 3, 2014

South Texas 2

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	2.0	0	0	0	0	0	0	0
Critical hours	124.8	1729.5	2208.0	1379.8	2159.0	2184.0	2208.0	2209.0
Indicator value	**2.2**	**2.2**	**2.2**	**2.6**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	124.8	1729.5	2208.0	1379.8	2159.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**1.3**	**0.9**	**0.9**	**0.9**	**0**

Licensee Comments: none

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

Licensee Comments:

1Q/14: LER Unit 2 2014-001-00, Standy Diesel 23 Cooling Water Leak

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)	6.55E-07	4.14E-07	3.68E-07	1.02E-07	1.02E-07	9.96E-08	9.82E-08	8.32E-08
URI (ΔCDF)	-3.66E-07	-7.72E-07	-7.67E-07	-7.59E-07	-7.53E-07	-7.47E-07	-7.42E-07	-7.36E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-07**	**-3.60E-07**	**-4.00E-07**	**-6.60E-07**	**-6.50E-07**	**-6.50E-07**	**-6.40E-07**	**-6.50E-07**

Licensee Comments:

4Q/14: The UABLP coefficient was revised for DG21 effective 1Q15 for 5 year maintenance. This is reflected in the revision to the MSPI Bases Document, Rev. 19.

3Q/14: Planned unavailable hours corrected for May 2014 for EDG 23. This did not change the color of the indicator. CR 14-16801

4Q/13: Changed PRA Parameter(s).

3Q/13: EAC FV values changed due to revision of PRA-12-012 Rev. 1. These will be effective 4Q13. (CR 13-10480)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: The Planned UA Baseline coefficient for EDG A (DG 21 Unit 2) was updated to remove unavailable hours

related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 2Q13. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	-3.97E-08	-1.75E-08	-1.92E-08	-2.76E-09	-2.25E-08	-3.65E-08	-3.65E-08	-3.65E-08
URI (ΔCDF)	-1.16E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.10E-08**	**-4.30E-08**	**-4.50E-08**	**-2.80E-08**	**-4.80E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	2.03E-08	2.87E-08	4.35E-08	7.17E-08	5.07E-08	4.90E-08	8.61E-08	3.74E-08
URI (ΔCDF)	-8.40E-08	-5.92E-08	-5.92E-08	-5.79E-08	-5.79E-08	-5.79E-08	-5.79E-08	-5.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-08**	**-3.10E-08**	**-1.60E-08**	**1.40E-08**	**-7.30E-09**	**-8.90E-09**	**2.80E-08**	**-2.00E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: Changed PRA Parameter(s). PRA URPCr coefficient for 3S142MPA04 (AFW 24) data error from 4Q09 was identified. Corrected parameter from 3.37E-02 to 3.37E-03 effective 1Q10. This error had no effect on the color of the indicator. Reference CR 13-623. No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	-5.40E-09	2.75E-08	2.53E-08	3.60E-08	2.17E-08	2.95E-08	7.45E-08	5.14E-08
URI (ΔCDF)	-2.25E-09	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.60E-09**	**1.60E-08**	**1.40E-08**	**2.50E-08**	**1.00E-08**	**1.80E-08**	**6.30E-08**	**4.00E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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)	4.34E-08	4.13E-08	4.96E-08	1.01E-07	1.06E-07	1.30E-07	1.26E-07	1.06E-07
URI (ΔCDF)	-3.99E-08	-3.85E-08	-3.85E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.50E-09**	**2.80E-09**	**1.10E-08**	**6.30E-08**	**6.80E-08**	**9.20E-08**	**8.70E-08**	**6.80E-08**

Licensee Comments:

2Q/14: Revision 17 MSPI Bases Document - Revised Cooling Water System diagram to reflect removal of lube water strainers and supply line to pump bearings (CR 12-91-32)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

1Q/13: No UA reported in 1Q13 for Unit 2 MSPI systems due to reactor trip and forced outage starting in January 2013 and spanning 1Q13.

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	N/A	N/A	N/A	0.000064	0.000082	0.000076	0.000081	0.000094	0.000087	0.000096	0.000082	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	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**

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	0.000041	0.000041	0.000038	0.000041	0.000044	0.000047	0.000041	0.000046	0.000052	0.000048	0.000048	0.000047
Technical specification limit	1.0	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:

12/13: December Unit 2 I-131 steady state data not available due to plant conditions.

3/13: No steady state values obtained due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

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	0.031	N/A	N/A	0.059	0.031	0.034	0.040	0.032	0.031	0.030	0.075	0.154
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**N/A**	**N/A**	**0.6**	**0.3**	**0.3**	**0.4**	**0.3**	**0.3**	**0.3**	**0.8**	**1.5**

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	0.050	0.026	0.018	0.034	0.027	0.025	0.023	0.026	0.023	0.024	0.026	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.5**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**

Licensee Comments:

3/13: No values obtained for most of January and the remainder of 1Q13 due to two reactor trips in January 2013 that resulted in forced outage spanning 1Q13.

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	6.0	3.0	77.0	7.0	37.0	177.0	69.0	50.0
Total opportunities	6.0	3.0	82.0	8.0	40.0	183.0	70.0	52.0
Indicator value	**97.2%**	**97.1%**	**95.5%**	**95.2%**	**95.6%**	**96.0%**	**96.2%**	**95.9%**

Licensee Comments:

3Q/14: Corrected data from 1Q14 from 38 to 37 successful drill, exercise and event opportunities. It was determined that a performance indicator for a drill classification was unsuccessful. CR 14-12671. This did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

3Q/13: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

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	126.0	120.0	119.0	117.0	124.0	123.0	120.0	127.0
Total Key personnel	126.0	120.0	119.0	117.0	124.0	123.0	121.0	127.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**

Licensee Comments:

2Q/13: Correction to Total counted and participated numbers for 1Q11, 2Q11, 3Q11, 4Q11, 1Q12, 2Q12, 3Q12, 4Q12. The changes did not affect the color of the indicator. CR 13-5434

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	288	224	256	224	288	672	256	256
Total sirens-tests	288	224	256	224	288	672	256	256
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

South Texas 2

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	0	0	0	0
Critical hours	1729.5	2208.0	1379.8	2159.0	2184.0	2208.0	2209.0	2087.1
Indicator value	**2.2**	**2.2**	**2.6**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	1729.5	2208.0	1379.8	2159.0	2184.0	2208.0	2209.0	2087.1
Indicator value	**0**	**0**	**1.3**	**0.9**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

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

Licensee Comments:

1Q/14: LER Unit 2 2014-001-00, Standy Diesel 23 Cooling Water Leak

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	4.14E-07	3.68E-07	1.02E-07	1.02E-07	9.96E-08	9.82E-08	8.32E-08	1.08E-07
URI (ΔCDF)	-7.72E-07	-7.67E-07	-7.59E-07	-7.53E-07	-7.47E-07	-7.42E-07	-7.36E-07	-7.36E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.60E-07**	**-4.00E-07**	**-6.60E-07**	**-6.50E-07**	**-6.50E-07**	**-6.40E-07**	**-6.50E-07**	**-6.30E-07**

Licensee Comments:

4Q/14: The UABLP coefficient was revised for DG21 effective 1Q15 for 5 year maintenance. This is reflected in the revision to the MSPI Bases Document, Rev. 19.

3Q/14: Planned unavailable hours corrected for May 2014 for EDG 23. This did not change the color of the indicator. CR 14-16801

4Q/13: Changed PRA Parameter(s).

3Q/13: EAC FV values changed due to revision of PRA-12-012 Rev. 1. These will be effective 4Q13. (CR 13-10480)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

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)	-1.75E-08	-1.92E-08	-2.76E-09	-2.25E-08	-3.65E-08	-3.65E-08	-3.65E-08	-3.65E-08
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-08**	**-4.50E-08**	**-2.80E-08**	**-4.80E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

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)	2.87E-08	4.35E-08	7.17E-08	5.07E-08	4.90E-08	8.61E-08	3.74E-08	5.08E-08
URI (ΔCDF)	-5.92E-08	-5.92E-08	-5.79E-08	-5.79E-08	-5.79E-08	-5.79E-08	-5.71E-08	4.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.10E-08**	**-1.60E-08**	**1.40E-08**	**-7.30E-09**	**-8.90E-09**	**2.80E-08**	**-2.00E-08**	**9.40E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

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)	2.75E-08	2.53E-08	3.60E-08	2.17E-08	2.95E-08	7.45E-08	5.14E-08	8.73E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.60E-08**	**1.40E-08**	**2.50E-08**	**1.00E-08**	**1.80E-08**	**6.30E-08**	**4.00E-08**	**7.60E-08**

Licensee Comments:

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

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)	4.13E-08	4.96E-08	1.01E-07	1.06E-07	1.30E-07	1.26E-07	1.06E-07	1.50E-07
URI (ΔCDF)	-3.85E-08	-3.85E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-09**	**1.10E-08**	**6.30E-08**	**6.80E-08**	**9.20E-08**	**8.70E-08**	**6.80E-08**	**1.10E-07**

Licensee Comments:

2Q/14: Revision 17 MSPI Bases Document - Revised Cooling Water System diagram to reflect removal of lube water strainers and supply line to pump bearings (CR 12-91-32)

2Q/13: Changed PRA Parameter(s). PRA co-efficients were revised due to PRA Model Revision 7.2 approved 1Q13.

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	0.000064	0.000082	0.000076	0.000081	0.000094	0.000087	0.000096	0.000082	N/A	0.000041	0.000041	0.000038
Technical specification limit	1.0	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**	**N/A**	**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	0.000041	0.000044	0.000047	0.000041	0.000046	0.000052	0.000048	0.000048	0.000047	0.000052	0.000050	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

12/13: December Unit 2 I-131 steady state data not available due to plant conditions.

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	0.059	0.031	0.034	0.040	0.032	0.031	0.030	0.075	0.154	0.050	0.026	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.6**	**0.3**	**0.3**	**0.4**	**0.3**	**0.3**	**0.3**	**0.8**	**1.5**	**0.5**	**0.3**	**0.2**
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	0.034	0.027	0.025	0.023	0.026	0.023	0.024	0.026	0.030	0.026	0.026	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

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	3.0	77.0	7.0	37.0	59.0	69.0	46.0	104.0
Total opportunities	3.0	82.0	8.0	40.0	61.0	70.0	48.0	106.0
Indicator value	**97.1%**	**95.5%**	**95.2%**	**95.6%**	**95.6%**	**96.0%**	**95.6%**	**96.2%**

Licensee Comments:

1Q/15: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator. Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

4Q/14: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator.

3Q/14: Corrected data from 1Q14 from 38 to 37 successful drill, exercise and event opportunities. It was determined that a performance indicator for a drill classification was unsuccessful. CR 14-12671. This did not affect the color of the indicator.

2Q/14: Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

3Q/13: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	120.0	119.0	117.0	124.0	123.0	120.0	127.0	129.0
Total Key personnel	120.0	119.0	117.0	124.0	123.0	121.0	127.0	129.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/13: Correction to Total counted and participated numbers for 1Q11, 2Q11, 3Q11, 4Q11, 1Q12, 2Q12, 3Q12, 4Q12. The changes did not affect the color of the indicator. CR 13-5434

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	224	256	224	288	224	256	256	256
Total sirens-tests	224	256	224	288	224	256	256	256
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/14: Corrected 2Q14 data Successful siren-tests from 672 to 224 and Total siren-tests from 672 to 224 (CR 15-2575). This change did not affect the color of the indicator.

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

South Texas 2

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	0	0	0	0	0
Critical hours	2208.0	1379.8	2159.0	2184.0	2208.0	2209.0	2087.1	1305.1
Indicator value	**2.2**	**2.6**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	1379.8	2159.0	2184.0	2208.0	2209.0	2087.1	1305.1
Indicator value	**0**	**1.3**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**

Licensee Comments: none

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

Licensee Comments:

1Q/14: LER Unit 2 2014-001-00, Standy Diesel 23 Cooling Water Leak

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)	3.68E-07	1.02E-07	1.02E-07	9.96E-08	9.82E-08	8.32E-08	1.08E-07	4.73E-08
URI (ΔCDF)	-7.67E-07	-7.59E-07	-7.53E-07	-7.47E-07	-7.42E-07	-7.36E-07	-7.36E-07	-7.36E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-07**	**-6.60E-07**	**-6.50E-07**	**-6.50E-07**	**-6.40E-07**	**-6.50E-07**	**-6.30E-07**	**-6.90E-07**

Licensee Comments:

4Q/14: The UABLP coefficient was revised for DG21 effective 1Q15 for 5 year maintenance. This is reflected in the revision to the MSPI Bases Document, Rev. 19.

3Q/14: Planned unavailable hours corrected for May 2014 for EDG 23. This did not change the color of the indicator. CR 14-16801

4Q/13: Changed PRA Parameter(s).

3Q/13: EAC FV values changed due to revision of PRA-12-012 Rev. 1. These will be effective 4Q13. (CR 13-10480)

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)	-1.92E-08	-2.76E-09	-2.25E-08	-3.65E-08	-3.65E-08	-3.65E-08	-3.65E-08	-3.50E-08
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-2.80E-08**	**-4.80E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	4.35E-08	7.17E-08	5.07E-08	4.90E-08	8.61E-08	3.74E-08	5.08E-08	3.42E-08
URI (ΔCDF)	-5.92E-08	-5.79E-08	-5.79E-08	-5.79E-08	-5.79E-08	-5.71E-08	4.33E-08	4.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.60E-08**	**1.40E-08**	**-7.30E-09**	**-8.90E-09**	**2.80E-08**	**-2.00E-08**	**9.40E-08**	**7.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	2.53E-08	3.60E-08	2.17E-08	2.95E-08	7.45E-08	5.14E-08	8.73E-08	7.27E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-08**	**2.50E-08**	**1.00E-08**	**1.80E-08**	**6.30E-08**	**4.00E-08**	**7.60E-08**	**6.10E-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/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	4.96E-08	1.01E-07	1.06E-07	1.30E-07	1.26E-07	1.06E-07	1.50E-07	1.48E-07
URI (ΔCDF)	-3.85E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-08**	**6.30E-08**	**6.80E-08**	**9.20E-08**	**8.70E-08**	**6.80E-08**	**1.10E-07**	**1.10E-07**

Licensee Comments:

2Q/14: Revision 17 MSPI Bases Document - Revised Cooling Water System diagram to reflect removal of lube water strainers and supply line to pump bearings (CR 12-91-32)

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	0.000081	0.000094	0.000087	0.000096	0.000082	N/A	0.000041	0.000041	0.000038	0.000041	0.000044	0.000047
Technical specification limit	1.0	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**	**N/A**	**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	0.000041	0.000046	0.000052	0.000048	0.000048	0.000047	0.000052	0.000050	0.000049	N/A	0.000026	0.000026
Technical specification limit	1.0	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:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

12/13: December Unit 2 I-131 steady state data not available due to plant conditions.

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	0.040	0.032	0.031	0.030	0.075	0.154	0.050	0.026	0.018	0.034	0.027	0.025
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.3**	**0.3**	**0.3**	**0.8**	**1.5**	**0.5**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**
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	0.023	0.026	0.023	0.024	0.026	0.030	0.026	0.026	0.034	N/A	0.059	0.046
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**N/A**	**0.6**	**0.5**

Licensee Comments:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	77.0	7.0	37.0	59.0	69.0	46.0	104.0	91.0
Total opportunities	82.0	8.0	40.0	61.0	70.0	48.0	106.0	91.0
Indicator value	**95.5%**	**95.2%**	**95.6%**	**95.6%**	**96.0%**	**95.6%**	**96.2%**	**96.8%**

Licensee Comments:

1Q/15: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator. Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

4Q/14: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator.

3Q/14: Corrected data from 1Q14 from 38 to 37 successful drill, exercise and event opportunities. It was determined that a performance indicator for a drill classification was unsuccessful. CR 14-12671. This did not affect the color of the indicator.

2Q/14: Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

3Q/13: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	119.0	117.0	124.0	123.0	120.0	127.0	129.0	127.0
Total Key personnel	119.0	117.0	124.0	123.0	121.0	127.0	129.0	127.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	256	224	288	224	256	256	256	222
Total sirens-tests	256	224	288	224	256	256	256	224
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**

Licensee Comments:

2Q/14: Corrected 2Q14 data Successful siren-tests from 672 to 224 and Total siren-tests from 672 to 224 (CR 15-2575). This change did not affect the color of the indicator.

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: July 24, 2015

South Texas 2

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	0	0	0	0	0	0
Critical hours	1379.8	2159.0	2184.0	2208.0	2209.0	2087.1	1305.1	2208.0
Indicator value	**2.6**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	0	0	0	0	0	0	0
Critical hours	1379.8	2159.0	2184.0	2208.0	2209.0	2087.1	1305.1	2208.0
Indicator value	**1.3**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	**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)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	**0**	**1**	**1**	**1**	**1**	**0**	**0**	**0**

Licensee Comments:

1Q/14: LER Unit 2 2014-001-00, Standy Diesel 23 Cooling Water Leak

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)	1.02E-07	1.02E-07	9.96E-08	9.82E-08	8.32E-08	1.08E-07	4.73E-08	4.91E-08
URI (ΔCDF)	-7.59E-07	-7.53E-07	-7.47E-07	-7.42E-07	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.60E-07**	**-6.50E-07**	**-6.50E-07**	**-6.40E-07**	**-6.50E-07**	**-6.30E-07**	**-6.90E-07**	**-6.90E-07**

Licensee Comments:

4Q/14: The UABLP coefficient was revised for DG21 effective 1Q15 for 5 year maintenance. This is reflected in the revision to the MSPI Bases Document, Rev. 19.

3Q/14: Planned unavailable hours corrected for May 2014 for EDG 23. This did not change the color of the indicator. CR 14-16801

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	-2.76E-09	-2.25E-08	-3.65E-08	-3.65E-08	-3.65E-08	-3.65E-08	-3.50E-08	-3.18E-08
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-08**	**-4.80E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.00E-08**	**-5.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	7.17E-08	5.07E-08	4.90E-08	8.61E-08	3.74E-08	5.08E-08	3.42E-08	3.88E-08
URI (ΔCDF)	-5.79E-08	-5.79E-08	-5.79E-08	-5.79E-08	-5.71E-08	4.33E-08	4.33E-08	4.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-08**	**-7.30E-09**	**-8.90E-09**	**2.80E-08**	**-2.00E-08**	**9.40E-08**	**7.70E-08**	**8.20E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	3.60E-08	2.17E-08	2.95E-08	7.45E-08	5.14E-08	8.73E-08	7.27E-08	6.67E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.50E-08**	**1.00E-08**	**1.80E-08**	**6.30E-08**	**4.00E-08**	**7.60E-08**	**6.10E-08**	**5.50E-08**

Licensee Comments: none

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)	1.01E-07	1.06E-07	1.30E-07	1.26E-07	1.06E-07	1.50E-07	1.48E-07	1.88E-07
URI (ΔCDF)	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.30E-08**	**6.80E-08**	**9.20E-08**	**8.70E-08**	**6.80E-08**	**1.10E-07**	**1.10E-07**	**1.50E-07**

Licensee Comments:

2Q/14: Revision 17 MSPI Bases Document - Revised Cooling Water System diagram to reflect removal of lube water strainers and supply line to pump bearings (CR 12-91-32)

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	0.000096	0.000082	N/A	0.000041	0.000041	0.000038	0.000041	0.000044	0.000047	0.000041	0.000046	0.000052
Technical specification limit	1.0	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**	**N/A**	**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	0.000048	0.000048	0.000047	0.000052	0.000050	0.000049	N/A	0.000026	0.000026	0.000030	0.000028	0.000030
Technical specification limit	1.0	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:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

12/13: December Unit 2 I-131 steady state data not available due to plant conditions.

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	0.030	0.075	0.154	0.050	0.026	0.018	0.034	0.027	0.025	0.023	0.026	0.023
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.8**	**1.5**	**0.5**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**
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	0.024	0.026	0.030	0.026	0.026	0.034	N/A	0.059	0.046	0.069	0.046	0.036
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**N/A**	**0.6**	**0.5**	**0.7**	**0.5**	**0.4**

Licensee Comments:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	7.0	37.0	59.0	69.0	46.0	104.0	91.0	60.0
Total opportunities	8.0	40.0	61.0	70.0	48.0	106.0	91.0	61.0
Indicator value	**95.2%**	**95.6%**	**95.6%**	**96.0%**	**95.6%**	**96.2%**	**96.8%**	**97.5%**

Licensee Comments:

1Q/15: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator. Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

4Q/14: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator.

3Q/14: Corrected data from 1Q14 from 38 to 37 successful drill, exercise and event opportunities. It was determined that a performance indicator for a drill classification was unsuccessful. CR 14-12671. This did not affect the color of the indicator.

2Q/14: Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

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	117.0	124.0	123.0	120.0	127.0	129.0	127.0	128.0
Total Key personnel	117.0	124.0	123.0	121.0	127.0	129.0	127.0	128.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	224	288	224	256	256	256	222	256
Total sirens-tests	224	288	224	256	256	256	224	256
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**

Licensee Comments:

2Q/14: Corrected 2Q14 data Successful siren-tests from 672 to 224 and Total siren-tests from 672 to 224 (CR 15-2575). This change did not affect the color of the indicator.

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

South Texas 2

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	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2087.1	1305.1	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2087.1	1305.1	2208.0	2209.0
Indicator value	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

Licensee Comments:

1Q/14: LER Unit 2 2014-001-00, Standy Diesel 23 Cooling Water Leak

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)	1.02E-07	9.96E-08	9.82E-08	8.32E-08	1.08E-07	4.73E-08	4.91E-08	2.88E-08
URI (ΔCDF)	-7.53E-07	-7.47E-07	-7.42E-07	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-07**	**-6.50E-07**	**-6.40E-07**	**-6.50E-07**	**-6.30E-07**	**-6.90E-07**	**-6.90E-07**	**-7.10E-07**

Licensee Comments:

4Q/14: The UABLP coefficient was revised for DG21 effective 1Q15 for 5 year maintenance. This is reflected in the revision to the MSPI Bases Document, Rev. 19.

3Q/14: Planned unavailable hours corrected for May 2014 for EDG 23. This did not change the color of the indicator. CR 14-16801

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)	-2.25E-08	-3.65E-08	-3.65E-08	-3.65E-08	-3.65E-08	-3.50E-08	-3.18E-08	-2.37E-08
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.80E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.00E-08**	**-5.70E-08**	**-4.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	5.07E-08	4.90E-08	8.61E-08	3.74E-08	5.08E-08	3.42E-08	3.88E-08	3.71E-08
URI (ΔCDF)	-5.79E-08	-5.79E-08	-5.79E-08	-5.71E-08	4.33E-08	4.33E-08	4.33E-08	4.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.30E-09**	**-8.90E-09**	**2.80E-08**	**-2.00E-08**	**9.40E-08**	**7.70E-08**	**8.20E-08**	**8.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	2.17E-08	2.95E-08	7.45E-08	5.14E-08	8.73E-08	7.27E-08	6.67E-08	7.59E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.00E-08**	**1.80E-08**	**6.30E-08**	**4.00E-08**	**7.60E-08**	**6.10E-08**	**5.50E-08**	**6.40E-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/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	1.06E-07	1.30E-07	1.26E-07	1.06E-07	1.50E-07	1.48E-07	1.88E-07	1.85E-07
URI (ΔCDF)	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.80E-08**	**9.20E-08**	**8.70E-08**	**6.80E-08**	**1.10E-07**	**1.10E-07**	**1.50E-07**	**1.50E-07**

Licensee Comments:

2Q/14: Revision 17 MSPI Bases Document - Revised Cooling Water System diagram to reflect removal of lube water strainers and supply line to pump bearings (CR 12-91-32)

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	0.000041	0.000041	0.000038	0.000041	0.000044	0.000047	0.000041	0.000046	0.000052	0.000048	0.000048	0.000047
Technical specification limit	1.0	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	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**
Maximum activity	0.000052	0.000050	0.000049	N/A	0.000026	0.000026	0.000030	0.000028	0.000030	0.000026	0.000026	0.000035
Technical specification limit	1.0	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:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	0.050	0.026	0.018	0.034	0.027	0.025	0.023	0.026	0.023	0.024	0.026	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.5**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**

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	0.026	0.026	0.034	N/A	0.059	0.046	0.069	0.046	0.036	0.052	0.034	0.037
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.3**	**0.3**	**N/A**	**0.6**	**0.5**	**0.7**	**0.5**	**0.4**	**0.5**	**0.3**	**0.4**

Licensee Comments:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	37.0	59.0	69.0	46.0	104.0	91.0	60.0	2.0
Total opportunities	40.0	61.0	70.0	48.0	106.0	91.0	61.0	2.0
Indicator value	**95.6%**	**95.6%**	**96.0%**	**95.6%**	**96.2%**	**96.8%**	**97.5%**	**97.7%**

Licensee Comments:

1Q/15: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator. Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

4Q/14: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator.

3Q/14: Corrected data from 1Q14 from 38 to 37 successful drill, exercise and event opportunities. It was determined that a performance indicator for a drill classification was unsuccessful. CR 14-12671. This did not affect the color of the indicator.

2Q/14: Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

1Q/14: Corrected 3Q13 DEP total opportunities from 86 to 82 and DEP total success from 81 to 77 due to a missed calculation of the Protective Action Recommendation opportunities/successes (CR 14-7530). This change did not affect the color of the indicator.

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	124.0	123.0	120.0	127.0	129.0	127.0	128.0	125.0
Total Key personnel	124.0	123.0	121.0	127.0	129.0	127.0	128.0	125.0
Indicator value	**100.0%**	**100.0%**	**99.2%**	**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/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	288	224	256	256	256	222	256	256
Total sirens-tests	288	224	256	256	256	224	256	256
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments:

2Q/14: Corrected 2Q14 data Successful siren-tests from 672 to 224 and Total siren-tests from 672 to 224 (CR 15-2575). This change did not affect the color of the indicator.

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

South Texas 2

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	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2087.1	1305.1	2208.0	2209.0	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2087.1	1305.1	2208.0	2209.0	2183.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	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	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	9.96E-08	9.82E-08	8.32E-08	1.08E-07	4.73E-08	4.91E-08	2.88E-08	2.63E-08
URI (ΔCDF)	-7.47E-07	-7.42E-07	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07	-1.62E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-07**	**-6.40E-07**	**-6.50E-07**	**-6.30E-07**	**-6.90E-07**	**-6.90E-07**	**-7.10E-07**	**-1.40E-07**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

4Q/14: The UABLP coefficient was revised for DG21 effective 1Q15 for 5 year maintenance. This is reflected in the revision to the MSPI Bases Document, Rev. 19.

3Q/14: Planned unavailable hours corrected for May 2014 for EDG 23. This did not change the color of the indicator. CR 14-16801

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)	-3.65E-08	-3.65E-08	-3.65E-08	-3.65E-08	-3.50E-08	-3.18E-08	-2.37E-08	-2.56E-08
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.00E-08**	**-5.70E-08**	**-4.90E-08**	**-4.70E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	4.90E-08	8.61E-08	3.74E-08	5.08E-08	3.42E-08	3.88E-08	3.71E-08	3.88E-08
URI (ΔCDF)	-5.79E-08	-5.79E-08	-5.71E-08	4.33E-08	4.33E-08	4.33E-08	4.33E-08	5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.90E-09**	**2.80E-08**	**-2.00E-08**	**9.40E-08**	**7.70E-08**	**8.20E-08**	**8.00E-08**	**9.70E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	2.95E-08	7.45E-08	5.14E-08	8.73E-08	7.27E-08	6.67E-08	7.59E-08	8.88E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-08**	**6.30E-08**	**4.00E-08**	**7.60E-08**	**6.10E-08**	**5.50E-08**	**6.40E-08**	**7.80E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	1.30E-07	1.26E-07	1.06E-07	1.50E-07	1.48E-07	1.88E-07	1.85E-07	2.87E-07
URI (ΔCDF)	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.20E-08**	**8.70E-08**	**6.80E-08**	**1.10E-07**	**1.10E-07**	**1.50E-07**	**1.50E-07**	**2.60E-07**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

2Q/14: Revision 17 MSPI Bases Document - Revised Cooling Water System diagram to reflect removal of lube water strainers and supply line to pump bearings (CR 12-91-32)

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	0.000041	0.000044	0.000047	0.000041	0.000046	0.000052	0.000048	0.000048	0.000047	0.000052	0.000050	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**	**0**	**0**	**0**	**0**	**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	N/A	0.000026	0.000026	0.000030	0.000028	0.000030	0.000026	0.000026	0.000035	0.000035	0.000036	0.000040
Technical specification limit	1.0	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:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	0.034	0.027	0.025	0.023	0.026	0.023	0.024	0.026	0.030	0.026	0.026	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**
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	N/A	0.059	0.046	0.069	0.046	0.036	0.052	0.034	0.037	0.053	0.054	0.046
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**N/A**	**0.6**	**0.5**	**0.7**	**0.5**	**0.4**	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.5**

Licensee Comments:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	59.0	69.0	46.0	104.0	91.0	60.0	2.0	10.0
Total opportunities	61.0	70.0	48.0	106.0	91.0	61.0	2.0	10.0
Indicator value	**95.6%**	**96.0%**	**95.6%**	**96.2%**	**96.8%**	**97.5%**	**97.7%**	**98.2%**

Licensee Comments:

1Q/15: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator. Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

4Q/14: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator.

3Q/14: Corrected data from 1Q14 from 38 to 37 successful drill, exercise and event opportunities. It was determined that a performance indicator for a drill classification was unsuccessful. CR 14-12671. This did not affect the color of the indicator.

2Q/14: Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

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	123.0	120.0	127.0	129.0	127.0	128.0	125.0	113.0
Total Key personnel	123.0	121.0	127.0	129.0	127.0	128.0	125.0	113.0
Indicator value	**100.0%**	**99.2%**	**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/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	224	256	256	256	222	256	256	254
Total sirens-tests	224	256	256	256	224	256	256	256
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.6%**

Licensee Comments:

2Q/14: Corrected 2Q14 data Successful siren-tests from 672 to 224 and Total siren-tests from 672 to 224 (CR 15-2575). This change did not affect the color of the indicator.

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

South Texas 2

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	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2087.1	1305.1	2208.0	2209.0	2183.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2087.1	1305.1	2208.0	2209.0	2183.0	2184.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	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	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	9.82E-08	8.32E-08	1.08E-07	4.73E-08	4.91E-08	2.88E-08	2.63E-08	5.75E-08
URI (ΔCDF)	-7.42E-07	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07	-1.62E-07	-1.62E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-07**	**-6.50E-07**	**-6.30E-07**	**-6.90E-07**	**-6.90E-07**	**-7.10E-07**	**-1.40E-07**	**-1.00E-07**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

4Q/14: The UABLP coefficient was revised for DG21 effective 1Q15 for 5 year maintenance. This is reflected in the revision to the MSPI Bases Document, Rev. 19.

3Q/14: Planned unavailable hours corrected for May 2014 for EDG 23. This did not change the color of the indicator. CR 14-16801

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)	-3.65E-08	-3.65E-08	-3.65E-08	-3.50E-08	-3.18E-08	-2.37E-08	-2.56E-08	-2.62E-08
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-08**	**-6.20E-08**	**-6.20E-08**	**-6.00E-08**	**-5.70E-08**	**-4.90E-08**	**-4.70E-08**	**-4.80E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	8.61E-08	3.74E-08	5.08E-08	3.42E-08	3.88E-08	3.71E-08	3.88E-08	1.82E-08
URI (ΔCDF)	-5.79E-08	-5.71E-08	4.33E-08	4.33E-08	4.33E-08	4.33E-08	5.85E-08	5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-08**	**-2.00E-08**	**9.40E-08**	**7.70E-08**	**8.20E-08**	**8.00E-08**	**9.70E-08**	**7.70E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	7.45E-08	5.14E-08	8.73E-08	7.27E-08	6.67E-08	7.59E-08	8.88E-08	4.04E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.11E-08	-1.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.30E-08**	**4.00E-08**	**7.60E-08**	**6.10E-08**	**5.50E-08**	**6.40E-08**	**7.80E-08**	**2.90E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	1.26E-07	1.06E-07	1.50E-07	1.48E-07	1.88E-07	1.85E-07	2.87E-07	2.91E-07
URI (ΔCDF)	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-2.85E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.70E-08**	**6.80E-08**	**1.10E-07**	**1.10E-07**	**1.50E-07**	**1.50E-07**	**2.60E-07**	**2.60E-07**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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	0.000041	0.000046	0.000052	0.000048	0.000048	0.000047	0.000052	0.000050	0.000049	N/A	0.000026	0.000026
Technical specification limit	1.0	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	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**
Maximum activity	0.000030	0.000028	0.000030	0.000026	0.000026	0.000035	0.000035	0.000036	0.000040	0.000034	0.000035	0.000037
Technical specification limit	1.0	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: Unit 2 was shut down and did not operate for the month of April 2015.

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	0.023	0.026	0.023	0.024	0.026	0.030	0.026	0.026	0.034	N/A	0.059	0.046
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**N/A**	**0.6**	**0.5**

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	0.069	0.046	0.036	0.052	0.034	0.037	0.053	0.054	0.046	0.062	0.076	0.079
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.5**	**0.4**	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.5**	**0.6**	**0.8**	**0.8**

Licensee Comments:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	69.0	46.0	104.0	91.0	60.0	2.0	10.0	126.0
Total opportunities	70.0	48.0	106.0	91.0	61.0	2.0	10.0	129.0
Indicator value	**96.0%**	**95.6%**	**96.2%**	**96.8%**	**97.5%**	**97.7%**	**98.2%**	**98.3%**

Licensee Comments:

1Q/15: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator. Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

4Q/14: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator.

3Q/14: Corrected data from 1Q14 from 38 to 37 successful drill, exercise and event opportunities. It was determined that a performance indicator for a drill classification was unsuccessful. CR 14-12671. This did not affect the color of the indicator.

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	120.0	127.0	129.0	127.0	128.0	125.0	113.0	122.0
Total Key personnel	121.0	127.0	129.0	127.0	128.0	125.0	113.0	122.0
Indicator value	**99.2%**	**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/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	256	256	256	222	256	256	254	256
Total sirens-tests	256	256	256	224	256	256	256	256
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.6%**	**99.8%**

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	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/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

South Texas 2

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	0	0	0	0	0	0	0	0
Critical hours	2209.0	2087.1	1305.1	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2087.1	1305.1	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	8.32E-08	1.08E-07	4.73E-08	4.91E-08	2.88E-08	2.63E-08	5.75E-08	8.12E-08
URI (ΔCDF)	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07	-1.62E-07	-1.62E-07	-1.62E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-07**	**-6.30E-07**	**-6.90E-07**	**-6.90E-07**	**-7.10E-07**	**-1.40E-07**	**-1.00E-07**	**-8.10E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

4Q/14: The UABLP coefficient was revised for DG21 effective 1Q15 for 5 year maintenance. This is reflected in the revision to the MSPI Bases Document, Rev. 19.

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)	-3.65E-08	-3.65E-08	-3.50E-08	-3.18E-08	-2.37E-08	-2.56E-08	-2.62E-08	7.38E-09
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.13E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-08**	**-6.20E-08**	**-6.00E-08**	**-5.70E-08**	**-4.90E-08**	**-4.70E-08**	**-4.80E-08**	**-1.40E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	3.74E-08	5.08E-08	3.42E-08	3.88E-08	3.71E-08	3.88E-08	1.82E-08	1.64E-08
URI (ΔCDF)	-5.71E-08	4.33E-08	4.33E-08	4.33E-08	4.33E-08	5.85E-08	5.85E-08	5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-08**	**9.40E-08**	**7.70E-08**	**8.20E-08**	**8.00E-08**	**9.70E-08**	**7.70E-08**	**7.50E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	5.14E-08	8.73E-08	7.27E-08	6.67E-08	7.59E-08	8.88E-08	4.04E-08	4.44E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.11E-08	-1.11E-08	-1.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-08**	**7.60E-08**	**6.10E-08**	**5.50E-08**	**6.40E-08**	**7.80E-08**	**2.90E-08**	**3.30E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	1.06E-07	1.50E-07	1.48E-07	1.88E-07	1.85E-07	2.87E-07	2.91E-07	2.88E-07
URI (ΔCDF)	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-2.85E-08	-2.85E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.80E-08**	**1.10E-07**	**1.10E-07**	**1.50E-07**	**1.50E-07**	**2.60E-07**	**2.60E-07**	**2.60E-07**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**
Maximum activity	0.000048	0.000048	0.000047	0.000052	0.000050	0.000049	N/A	0.000026	0.000026	0.000030	0.000028	0.000030
Technical specification limit	1.0	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	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**
Maximum activity	0.000026	0.000026	0.000035	0.000035	0.000036	0.000040	0.000034	0.000035	0.000037	0.000036	0.000055	0.000037
Technical specification limit	1.0	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: Unit 2 was shut down and did not operate for the month of April 2015.

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	0.024	0.026	0.030	0.026	0.026	0.034	N/A	0.059	0.046	0.069	0.046	0.036
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**N/A**	**0.6**	**0.5**	**0.7**	**0.5**	**0.4**
Reactor Coolant System Leakage	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**
Maximum leakage	0.052	0.034	0.037	0.053	0.054	0.046	0.062	0.076	0.079	0.064	0.054	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	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.5**	**0.6**	**0.8**	**0.8**	**0.6**	**0.5**	**0.5**

Licensee Comments:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	46.0	104.0	91.0	60.0	2.0	10.0	126.0	85.0
Total opportunities	48.0	106.0	91.0	61.0	2.0	10.0	129.0	85.0
Indicator value	**95.6%**	**96.2%**	**96.8%**	**97.5%**	**97.7%**	**98.2%**	**98.3%**	**98.5%**

Licensee Comments:

1Q/15: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator. Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

4Q/14: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator.

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	127.0	129.0	127.0	128.0	125.0	113.0	122.0	124.0
Total Key personnel	127.0	129.0	127.0	128.0	125.0	113.0	122.0	124.0
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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	256	256	222	256	256	254	256	223
Total sirens-tests	256	256	224	256	256	256	256	224
Indicator value	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.6%**	**99.8%**	**99.7%**

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	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/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

South Texas 2

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	2087.1	1305.1	2208.0	2209.0	2183.0	2184.0	2208.0	1471.3
Indicator value	**0**	**0**	**0**	**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	0	0	0	0	0	0	0	0
Critical hours	2087.1	1305.1	2208.0	2209.0	2183.0	2184.0	2208.0	1471.3
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	**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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	1.08E-07	4.73E-08	4.91E-08	2.88E-08	2.63E-08	5.75E-08	8.12E-08	4.43E-08
URI (ΔCDF)	-7.36E-07	-7.36E-07	-7.36E-07	-7.36E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-07**	**-6.90E-07**	**-6.90E-07**	**-7.10E-07**	**-1.40E-07**	**-1.00E-07**	**-8.10E-08**	**-1.20E-07**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	-3.65E-08	-3.50E-08	-3.18E-08	-2.37E-08	-2.56E-08	-2.62E-08	7.38E-09	-1.17E-09
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.53E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-08**	**-6.00E-08**	**-5.70E-08**	**-4.90E-08**	**-4.70E-08**	**-4.80E-08**	**-1.40E-08**	**-2.30E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	5.08E-08	3.42E-08	3.88E-08	3.71E-08	3.88E-08	1.82E-08	1.64E-08	2.97E-08
URI (ΔCDF)	4.33E-08	4.33E-08	4.33E-08	4.33E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.40E-08**	**7.70E-08**	**8.20E-08**	**8.00E-08**	**9.70E-08**	**7.70E-08**	**7.50E-08**	**8.80E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	8.73E-08	7.27E-08	6.67E-08	7.59E-08	8.88E-08	4.04E-08	4.44E-08	3.46E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.60E-08**	**6.10E-08**	**5.50E-08**	**6.40E-08**	**7.80E-08**	**2.90E-08**	**3.30E-08**	**2.30E-08**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	1.50E-07	1.48E-07	1.88E-07	1.85E-07	2.87E-07	2.91E-07	2.88E-07	2.38E-07
URI (ΔCDF)	-3.84E-08	-3.84E-08	-3.84E-08	-3.84E-08	-2.85E-08	-2.85E-08	-2.85E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.10E-07**	**1.50E-07**	**1.50E-07**	**2.60E-07**	**2.60E-07**	**2.60E-07**	**2.10E-07**

Licensee Comments:

1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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	0.000052	0.000050	0.000049	N/A	0.000026	0.000026	0.000030	0.000028	0.000030	0.000026	0.000026	0.000035
Technical specification limit	1.0	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	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**	**10/16**	**11/16**	**12/16**
Maximum activity	0.000035	0.000036	0.000040	0.000034	0.000035	0.000037	0.000036	0.000055	0.000037	0.000019	0.000023	0.000029
Technical specification limit	1.0	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: Unit 2 was shut down and did not operate for the month of April 2015.

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	0.026	0.026	0.034	N/A	0.059	0.046	0.069	0.046	0.036	0.052	0.034	0.037
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.3**	**0.3**	**0.3**	**N/A**	**0.6**	**0.5**	**0.7**	**0.5**	**0.4**	**0.5**	**0.3**	**0.4**
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	0.053	0.054	0.046	0.062	0.076	0.079	0.064	0.054	0.050	0.037	0.061	0.045
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.6**	**0.8**	**0.8**	**0.6**	**0.5**	**0.5**	**0.4**	**0.6**	**0.5**

Licensee Comments:

6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	104.0	91.0	60.0	2.0	10.0	126.0	85.0	10.0
Total opportunities	106.0	91.0	61.0	2.0	10.0	129.0	85.0	10.0
Indicator value	**96.2%**	**96.8%**	**97.5%**	**97.7%**	**98.2%**	**98.3%**	**98.5%**	**98.8%**

Licensee Comments:

1Q/15: Corrected 4Q14 data DEP total opportunities from 50 to 46 and DEP total success from 52 to 48 due to administrative error. (CR 15-4048). This change did not affect the color of the indicator. Corrected 2Q14 data DEP total opportunities from 183 to 61 and DEP total success from 177 to 59 due data entry error (CR 15-2575). This change did not affect the color of the indicator.

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	129.0	127.0	128.0	125.0	113.0	122.0	124.0	134.0
Total Key personnel	129.0	127.0	128.0	125.0	113.0	122.0	124.0	134.0
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/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	256	222	256	256	254	256	223	256
Total sirens-tests	256	224	256	256	256	256	224	256
Indicator value	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.6%**	**99.8%**	**99.7%**	**99.7%**

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	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/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

South Texas 2 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/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	1305.1	2208.0	2209.0	2183.0	2184.0	2208.0	1471.3	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1305.1	2208.0	2209.0	2183.0	2184.0	2208.0	1471.3	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Safety System Functional Failures	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	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	4.73E-08	4.91E-08	2.88E-08	2.63E-08	5.75E-08	8.12E-08	4.43E-08	4.01E-08
URI (ΔCDF)	-7.36E-07	-7.36E-07	-7.36E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.90E-07**	**-6.90E-07**	**-7.10E-07**	**-1.40E-07**	**-1.00E-07**	**-8.10E-08**	**-1.20E-07**	**-1.20E-07**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	-3.50E-08	-3.18E-08	-2.37E-08	-2.56E-08	-2.62E-08	7.38E-09	-1.17E-09	4.93E-08
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.53E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-08**	**-5.70E-08**	**-4.90E-08**	**-4.70E-08**	**-4.80E-08**	**-1.40E-08**	**-2.30E-08**	**2.80E-08**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	3.42E-08	3.88E-08	3.71E-08	3.88E-08	1.82E-08	1.64E-08	2.97E-08	2.70E-08
URI (ΔCDF)	4.33E-08	4.33E-08	4.33E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.70E-08**	**8.20E-08**	**8.00E-08**	**9.70E-08**	**7.70E-08**	**7.50E-08**	**8.80E-08**	**8.60E-08**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	7.27E-08	6.67E-08	7.59E-08	8.88E-08	4.04E-08	4.44E-08	3.46E-08	8.49E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.14E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.10E-08**	**5.50E-08**	**6.40E-08**	**7.80E-08**	**2.90E-08**	**3.30E-08**	**2.30E-08**	**7.40E-08**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	1.48E-07	1.88E-07	1.85E-07	2.87E-07	2.91E-07	2.88E-07	2.38E-07	2.36E-07
URI (ΔCDF)	-3.84E-08	-3.84E-08	-3.84E-08	-2.85E-08	-2.85E-08	-2.85E-08	-2.85E-08	6.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**1.50E-07**	**1.50E-07**	**2.60E-07**	**2.60E-07**	**2.60E-07**	**2.10E-07**	**3.00E-07**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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	N/A	0.000026	0.000026	0.000030	0.000028	0.000030	0.000026	0.000026	0.000035	0.000035	0.000036	0.000040
Technical specification limit	1.0	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	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum activity	0.000034	0.000035	0.000037	0.000036	0.000055	0.000037	0.000019	0.000023	0.000029	0.000029	0.000028	0.000032
Technical specification limit	1.0	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:
6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	N/A	0.059	0.046	0.069	0.046	0.036	0.052	0.034	0.037	0.053	0.054	0.046
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**N/A**	**0.6**	**0.5**	**0.7**	**0.5**	**0.4**	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.5**

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	0.062	0.076	0.079	0.064	0.054	0.050	0.037	0.061	0.045	0.050	0.049	0.047
Technical specification limit	10.0	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**	**0.8**	**0.8**	**0.6**	**0.5**	**0.5**	**0.4**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**

TOP

Licensee Comments:
6/15: Unit 2 was shut down and did not operate for the month of April 2015.

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	91.0	60.0	2.0	10.0	126.0	85.0	10.0	6.0
Total opportunities	91.0	61.0	2.0	10.0	129.0	85.0	10.0	6.0
Indicator value	**96.8%**	**97.5%**	**97.7%**	**98.2%**	**98.3%**	**98.5%**	**98.8%**	**99.0%**

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	127.0	128.0	125.0	113.0	122.0	124.0	134.0	133.0
Total Key personnel	127.0	128.0	125.0	113.0	122.0	124.0	134.0	133.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

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	222	256	256	254	256	223	256	255
Total sirens-tests	224	256	256	256	256	224	256	256
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.6%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**

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	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

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

South Texas 2 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/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	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	2184.0	2208.0	1471.3	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1471.3	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**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	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	4.91E-08	2.88E-08	2.63E-08	5.75E-08	8.12E-08	4.43E-08	4.01E-08	2.61E-08
URI (ΔCDF)	-7.36E-07	-7.36E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.90E-07**	**-7.10E-07**	**-1.40E-07**	**-1.00E-07**	**-8.10E-08**	**-1.20E-07**	**-1.20E-07**	**-1.40E-07**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	-3.18E-08	-2.37E-08	-2.56E-08	-2.62E-08	7.38E-09	-1.17E-09	4.93E-08	2.87E-08
URI (ΔCDF)	-2.53E-08	-2.53E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-08**	**-4.90E-08**	**-4.70E-08**	**-4.80E-08**	**-1.40E-08**	**-2.30E-08**	**2.80E-08**	**7.40E-09**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	3.88E-08	3.71E-08	3.88E-08	1.82E-08	1.64E-08	2.97E-08	2.70E-08	3.27E-08
URI (ΔCDF)	4.33E-08	4.33E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.20E-08**	**8.00E-08**	**9.70E-08**	**7.70E-08**	**7.50E-08**	**8.80E-08**	**8.60E-08**	**9.10E-08**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	6.67E-08	7.59E-08	8.88E-08	4.04E-08	4.44E-08	3.46E-08	8.49E-08	6.56E-08
URI (ΔCDF)	-1.14E-08	-1.14E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.50E-08**	**6.40E-08**	**7.80E-08**	**2.90E-08**	**3.30E-08**	**2.30E-08**	**7.40E-08**	**5.40E-08**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	1.88E-07	1.85E-07	2.87E-07	2.91E-07	2.88E-07	2.38E-07	2.36E-07	1.93E-07
URI (ΔCDF)	-3.84E-08	-3.84E-08	-2.85E-08	-2.85E-08	-2.85E-08	-2.85E-08	6.53E-08	6.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**1.50E-07**	**2.60E-07**	**2.60E-07**	**2.60E-07**	**2.10E-07**	**3.00E-07**	**2.60E-07**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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	0.000030	0.000028	0.000030	0.000026	0.000026	0.000035	0.000035	0.000036	0.000040	0.000034	0.000035	0.000037
Technical specification limit	1.0	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	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum activity	0.000036	0.000055	0.000037	0.000019	0.000023	0.000029	0.000029	0.000028	0.000032	0.000029	0.000028	0.000026
Technical specification limit	1.0	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	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	0.069	0.046	0.036	0.052	0.034	0.037	0.053	0.054	0.046	0.062	0.076	0.079
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.5**	**0.4**	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.5**	**0.6**	**0.8**	**0.8**

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	0.064	0.054	0.050	0.037	0.061	0.045	0.050	0.049	0.047	0.046	0.047	0.072
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.6**	**0.5**	**0.5**	**0.4**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.7**

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	60.0	2.0	10.0	126.0	85.0	10.0	8.0	84.0
Total opportunities	61.0	2.0	10.0	129.0	85.0	10.0	8.0	84.0
Indicator value	**97.5%**	**97.7%**	**98.2%**	**98.3%**	**98.5%**	**98.8%**	**99.0%**	**99.0%**

TOP

Licensee Comments:
2Q/17: Corrected Drill and Exercise Performance for 1Q17 to add 2 successful opportunities. This change did not affect the color of the indicator. (Ref. CR 17-15939)

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	128.0	125.0	113.0	120.0	123.0	133.0	132.0	134.0
Total Key personnel	128.0	125.0	113.0	122.0	124.0	134.0	133.0	135.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**98.4%**	**99.2%**	**99.3%**	**99.2%**	**99.3%**

TOP

Licensee Comments:
2Q/17: Corrected Participating Key Personnel data for 2Q16, 3Q16, 4Q16, 1Q17. Key Personnel incorrectly credited. (Ref. CR 17-14845). This change did not affect the color of the indicator.

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	256	256	254	256	223	256	255	256
Total sirens-tests	256	256	256	256	224	256	256	256
Indicator value	**99.8%**	**99.8%**	**99.6%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**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	**0**	**0**	**0**	**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

South Texas 2 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/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	2184.0	2208.0	1471.3	2159.0	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	0	0	0	1.0	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1471.3	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**

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)	2.88E-08	2.63E-08	5.75E-08	8.12E-08	4.43E-08	4.01E-08	2.61E-08	2.17E-08
URI (ΔCDF)	-7.36E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.10E-07**	**-1.40E-07**	**-1.00E-07**	**-8.10E-08**	**-1.20E-07**	**-1.20E-07**	**-1.40E-07**	**-1.40E-07**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-2.37E-08	-2.56E-08	-2.62E-08	7.38E-09	-1.17E-09	4.93E-08	2.87E-08	2.41E-09
URI (ΔCDF)	-2.53E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-08**	**-4.70E-08**	**-4.80E-08**	**-1.40E-08**	**-2.30E-08**	**2.80E-08**	**7.40E-09**	**-1.90E-08**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	3.71E-08	3.88E-08	1.82E-08	1.64E-08	2.97E-08	2.70E-08	3.27E-08	3.00E-08
URI (ΔCDF)	4.33E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.00E-08**	**9.70E-08**	**7.70E-08**	**7.50E-08**	**8.80E-08**	**8.60E-08**	**9.10E-08**	**8.90E-08**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	7.59E-08	8.88E-08	4.04E-08	4.44E-08	3.46E-08	8.49E-08	6.56E-08	1.59E-08
URI (ΔCDF)	-1.14E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.40E-08**	**7.80E-08**	**2.90E-08**	**3.30E-08**	**2.30E-08**	**7.40E-08**	**5.40E-08**	**4.80E-09**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	1.85E-07	2.87E-07	2.91E-07	2.88E-07	2.38E-07	2.36E-07	1.93E-07	1.92E-07
URI (ΔCDF)	-3.84E-08	-2.85E-08	-2.85E-08	-2.85E-08	-2.85E-08	6.53E-08	6.53E-08	6.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**2.60E-07**	**2.60E-07**	**2.60E-07**	**2.10E-07**	**3.00E-07**	**2.60E-07**	**2.60E-07**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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	0.000026	0.000026	0.000035	0.000035	0.000036	0.000040	0.000034	0.000035	0.000037	0.000036	0.000055	0.000037
Technical specification limit	1.0	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	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum activity	0.000019	0.000023	0.000029	0.000029	0.000028	0.000032	0.000029	0.000028	0.000026	0.000027	0.000029	0.000029
Technical specification limit	1.0	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	0.052	0.034	0.037	0.053	0.054	0.046	0.062	0.076	0.079	0.064	0.054	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	**0.5**	**0.3**	**0.4**	**0.5**	**0.5**	**0.5**	**0.6**	**0.8**	**0.8**	**0.6**	**0.5**	**0.5**

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	0.037	0.061	0.045	0.050	0.049	0.047	0.046	0.047	0.072	0.053	0.054	0.048
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.7**	**0.5**	**0.5**	**0.5**

TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	2.0	10.0	126.0	85.0	10.0	8.0	85.0	15.0
Total opportunities	2.0	10.0	129.0	85.0	10.0	8.0	85.0	15.0
Indicator value	**97.7%**	**98.2%**	**98.3%**	**98.5%**	**98.8%**	**99.0%**	**99.0%**	**99.1%**

TOP

Licensee Comments:
3Q/17: Corrected Drill and Exercise Performance for 2Q17 to add 1 successful opportunity. This change did not affect the color of the indicator. (Ref. CR 17-19408)
2Q/17: Corrected Drill and Exercise Performance for 1Q17 to add 2 successful opportunities. This change did not affect the color of the indicator. (Ref. CR 17-15939)
2Q/17: Corrected Drill and Exercise Performance for 1Q17 to add 2 successful opportunities. This change did not affect the color of the indicator. (Ref. CR 17-15939)

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	125.0	113.0	120.0	123.0	133.0	132.0	134.0	127.0
Total Key personnel	125.0	113.0	122.0	124.0	134.0	133.0	135.0	129.0
Indicator value	**100.0%**	**100.0%**	**98.4%**	**99.2%**	**99.3%**	**99.2%**	**99.3%**	**98.4%**

TOP

Licensee Comments:
2Q/17: Corrected Participating Key Personnel data for 2Q16, 3Q16, 4Q16, 1Q17. Key Personnel incorrectly credited. (Ref. CR 17-14845). This change did not affect the color of the indicator.

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	256	254	256	223	256	255	256	224
Total sirens-tests	256	256	256	224	256	256	256	224
Indicator value	**99.8%**	**99.6%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.9%**

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

United States Nuclear Regulatory Commission
Protecting People and the Environment

South Texas 2 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/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	2184.0	2208.0	1471.3	2159.0	2184.0	2208.0	2209.0
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	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2183.0	2184.0	2208.0	1471.3	2159.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.8**

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

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	2.63E-08	5.75E-08	8.12E-08	4.43E-08	4.01E-08	2.61E-08	2.17E-08	9.65E-08
URI (ΔCDF)	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-07**	**-1.00E-07**	**-8.10E-08**	**-1.20E-07**	**-1.20E-07**	**-1.40E-07**	**-1.40E-07**	**-6.60E-08**

TOP

Licensee Comments:
4Q/17: The Planned UA Baseline coefficient for Unit 2 EDG A (DG 21) was revised to remove 144 planned UA baseline hours related to 5 maintenance that was performed 1Q15. This change will be effective 1Q18. The MSPI Bases Document was revised to reflect this change. (Reference CR 14-12028-31)
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-2.56E-08	-2.62E-08	7.38E-09	-1.17E-09	4.93E-08	2.87E-08	2.41E-09	4.94E-09
URI (ΔCDF)	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08	-2.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value								

	-4.70E-08	**-4.80E-08**	**-1.40E-08**	**-2.30E-08**	**2.80E-08**	**7.40E-09**	**-1.90E-08**	**-1.60E-08**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	3.88E-08	1.82E-08	1.64E-08	2.97E-08	2.70E-08	3.27E-08	3.00E-08	4.14E-08
URI (ΔCDF)	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08	5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.70E-08**	**7.70E-08**	**7.50E-08**	**8.80E-08**	**8.60E-08**	**9.10E-08**	**8.90E-08**	**1.00E-07**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	8.88E-08	4.04E-08	4.44E-08	3.46E-08	8.49E-08	6.56E-08	1.59E-08	1.27E-08
URI (ΔCDF)	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.80E-08**	**2.90E-08**	**3.30E-08**	**2.30E-08**	**7.40E-08**	**5.40E-08**	**4.80E-09**	**1.60E-09**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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)	2.87E-07	2.91E-07	2.88E-07	2.38E-07	2.36E-07	1.93E-07	1.92E-07	3.03E-07
URI (ΔCDF)	-2.85E-08	-2.85E-08	-2.85E-08	-2.85E-08	6.53E-08	6.53E-08	6.53E-08	6.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.60E-07**	**2.60E-07**	**2.60E-07**	**2.10E-07**	**3.00E-07**	**2.60E-07**	**2.60E-07**	**3.70E-07**

TOP

Licensee Comments:
1Q/16: Changed PRA Parameter(s). Approved PRA Model Rev 8.1 and updated coefficients effective 1Q16.

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	0.000035	0.000036	0.000040	0.000034	0.000035	0.000037	0.000036	0.000055	0.000037	0.000019	0.000023	0.000029
Technical specification limit	1.0	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	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum activity	0.000029	0.000028	0.000032	0.000029	0.000028	0.000026	0.000027	0.000029	0.000029	0.000029	0.000031	0.000032
Technical specification limit	1.0	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	0.053	0.054	0.046	0.062	0.076	0.079	0.064	0.054	0.050	0.037	0.061	0.045
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.6**	**0.8**	**0.8**	**0.6**	**0.5**	**0.5**	**0.4**	**0.6**	**0.5**

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	0.050	0.049	0.047	0.046	0.047	0.072	0.053	0.054	0.048	0.045	0.053	0.049
Technical specification limit	10.0	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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.7**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**

TOP

Licensee Comments: none

Notes

Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	10.0	126.0	85.0	10.0	8.0	85.0	15.0	67.0
Total opportunities	10.0	129.0	85.0	10.0	8.0	85.0	15.0	69.0
Indicator value	**98.2%**	**98.3%**	**98.5%**	**98.8%**	**99.0%**	**99.0%**	**99.1%**	**98.8%**

TOP

Licensee Comments:
3Q/17: Corrected Drill and Exercise Performance for 2Q17 to add 1 successful opportunity. This change did not affect the color of the indicator. (Ref. CR 17-19408)
2Q/17: Corrected Drill and Exercise Performance for 1Q17 to add 2 successful opportunities. This change did not affect the color of the indicator. (Ref. CR 17-15939)
2Q/17: Corrected Drill and Exercise Performance for 1Q17 to add 2 successful opportunities. This change did not affect the color of the indicator. (Ref. CR 17-15939)

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	113.0	120.0	123.0	133.0	132.0	134.0	127.0	130.0
Total Key personnel	113.0	122.0	124.0	134.0	133.0	135.0	129.0	130.0
Indicator value	**100.0%**	**98.4%**	**99.2%**	**99.3%**	**99.2%**	**99.3%**	**98.4%**	**100.0%**

TOP

Licensee Comments:
2Q/17: Corrected Participating Key Personnel data for 2Q16, 3Q16, 4Q16, 1Q17. Key Personnel incorrectly credited. (Ref. CR 17-14845). This change did not affect the color of the indicator.

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	254	256	223	256	255	256	224	224
Total sirens-tests	256	256	224	256	256	256	224	224
Indicator value	**99.6%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**

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	**0**	**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

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017