Limerick 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	0	0	0	1.0	1.0
Critical hours	2160.0	1309.0	2208.0	2186.2	2120.6
Indicator value	**0**	**0**	**0**	**0.9**	**1.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	1.0	0	0	2.0	0
Critical hours	2160.0	1309.0	2208.0	2186.2	2120.6
Indicator value	**0.8**	**0.9**	**0.9**	**2.7**	**1.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	174.20	0	0	0	3.27
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	1704.02	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	5.33	0	0	0	18.51
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1704.02	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	22.45	124.30	0	0	0
Unplanned unavailable hours	0	0	2.33	0	0.07
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1704.02	2208.00	2209.00	2184.00
Train 4					
Planned unavailable hours	53.13	0	0	208.76	0.32
Unplanned unavailable hours	0	0	0	0	0.07
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1704.02	2208.00	2209.00	2184.00
Indicator value				**2.4%**	**2.3%**

Licensee Comments:

4Q/98: Correct typo for 4th quarter 1998. Revise the Unit 2 Train 1, Hours Required, from the incorrect value of '2209' to the correct value of '2208'

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	90.40	0	0
Unplanned unavailable hours	0	17.60	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1309.00	2208.00	2186.20	2120.60
Indicator value				**1.3%**	**1.2%**

Licensee Comments:

3Q/99: Historical data submittal of 1/21/00 previously reported a null value for Unplanned Unavailable Hours for July, August and September 1999. This was identified mid-quarter on 3/30/00. A data value of zero (0) was inadvertently submitted as a "null value" for each of these three months in 3Q99. All data (zero value) for the quarter is now shown in third month of the quarter due to NEI PIWEB software changes. This correction adds zero (0) Unavailable (or fault) hours and therefore does not affect PI color band (green).

2Q/99: Correction #1: Historical data submittal of 1/21/00 previously reported a null value for Fault Exposure Hours for April, May and June 1999. This was identified mid-quarter on 3/30/00. A data value of zero was inadvertently submitted as a "null value" for each of these three months in 2Q99. All data (zero value) for the quarter is now shown in third month of the quarter due to NEI PIWEB software changes. This correction adds zero (0) Fault Exposure hours and therefore does not affect PI color band (green). Correction #2: Historical data submittal of 1/21/00 previously reported a null value for Unplanned Unavailable Hours for April, May and June 1999. This was identified mid-quarter on

3/30/00. A data value of zero (0) was inadvertently submitted as a "null value" for April and May 1999. In addition, the June 1999 value of 17.6 hours for Unplanned Unavailable hours was inadvertently entered in the June 1999 field for Planned Unavailable hours due to a transposition error. The data has been corrected to reflect zero (0) Planned Unavailable hours and 17.6 Unplanned Unavailable hours for the entire quarter. All data for the quarter is now shown in third month of the quarter due to NEI PIWEB software changes. This correction adds zero (0) Unavailable (or fault) hours and therefore does not affect PI color band (green).

1Q/98: Correction: Historical data submittal of 1/21/00 previously reported a null value for Unplanned Unavailable hours in March 1998. This was identified mid-quarter on 3/30/00. A data value of zero (0) for March 1998 Unplanned Unavailable hours was inadvertently submitted as a "null value". This resulted in 1.7 hours from Feb 1998 to be excluded from the calculated PI data due to a flaw in the PI calculation algorithm as noted in e-mail from NEI to NRC of 3/30/00. This correction adds 1.7 hours of total Unavailable hours but does not affect PI color band (green). All data (zero value) for the quarter is now shown in third month of the quarter due to NEI PIWEB software changes.

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	42.00	1.00	4.40	48.72	1.80
Unplanned unavailable hours	10.50	0	0	33.58	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1309.00	2208.00	2186.20	2120.60
Indicator value				**1.6%**	**1.6%**

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/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	4.72	0	0	0	12.27
Unplanned unavailable hours	3.50	0	0.60	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	29.67	0	0	18.50	2.72
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				**0.6%**	**0.6%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.000282	0.000133	0.000358	0.000147	0.000146	0.000150	0.000153	0.000284	0.000133	0.000130	0.000139	0.000146
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	2.220	12.440	3.640	3.740	4.190	3.940	4.190	4.440	4.340	4.240	3.640	3.640
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.9**	**49.8**	**14.6**	**15.0**	**16.8**	**15.8**	**16.8**	**17.8**	**17.4**	**17.0**	**14.6**	**14.6**

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	7.0	0	37.0	11.0	67.0
Total opportunities	7.0	0	38.0	11.0	67.0
Indicator value				**98.6%**	**99.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				44.0	48.0
Total Key personnel				51.0	53.0
Indicator value				**86.3%**	**90.6%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	483	479	475	467	459
Total sirens-tests	495	495	495	495	495
Indicator value	**96.7%**	**96.8%**	**97.0%**	**96.2%**	**94.9%**

Licensee Comments:

1Q/00: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

4Q/99: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

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	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	**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/99	2Q/99	3Q/99	4Q/99	1Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	26.75	23.75	63.25	357.70	143.40
CCTV compensatory hours	8.3	37.5	2.8	0	17.6
IDS normalization factor	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
Index Value	**0.014**	**0.013**	**0.007**	**0.014**	**0.017**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Licensee Comments: none

Last Modified: April 1, 2002

Limerick 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	1.0	1.0	0
Critical hours	1309.0	2208.0	2186.2	2120.6	2183.0
Indicator value	**0**	**0**	**0.9**	**1.8**	**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	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	0	2.0	0	0
Critical hours	1309.0	2208.0	2186.2	2120.6	2183.0
Indicator value	**0.9**	**0.9**	**2.7**	**1.8**	**1.6**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0	3.27	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	1704.02	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	18.51	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1704.02	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	124.30	0	0	0	0
Unplanned unavailable hours	0	2.33	0	0.07	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1704.02	2208.00	2209.00	2184.00	2183.00
Train 4					
Planned unavailable hours	0	0	208.76	0.32	0
Unplanned unavailable hours	0	0	0	0.07	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1704.02	2208.00	2209.00	2184.00	2183.00
Indicator value			**2.4%**	**2.3%**	**2.1%**

Licensee Comments:

4Q/98: Correct typo for 4th quarter 1998. Revise the Unit 2 Train 1, Hours Required, from the incorrect value of '2209' to the correct value of '2208'

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	90.40	0	0	8.60
Unplanned unavailable hours	17.60	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1309.00	2208.00	2186.20	2120.60	2183.00
Indicator value			**1.3%**	**1.2%**	**1.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	1.00	4.40	48.72	1.80	2.00
Unplanned unavailable hours	0	0	33.58	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1309.00	2208.00	2186.20	2120.60	2183.00
Indicator value			**1.6%**	**1.6%**	**1.5%**

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/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0	12.27	0
Unplanned unavailable hours	0	0.60	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	0	18.50	2.72	21.22
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.000147	0.000146	0.000150	0.000153	0.000284	0.000133	0.000130	0.000139	0.000146	0.000146	0.000147	0.000137
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	3.740	4.190	3.940	4.190	4.440	4.340	4.240	3.640	3.640	3.640	3.740	3.640
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**15.0**	**16.8**	**15.8**	**16.8**	**17.8**	**17.4**	**17.0**	**14.6**	**14.6**	**14.6**	**15.0**	**14.6**

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	37.0	11.0	67.0	9.0
Total opportunities	0	38.0	11.0	67.0	10.0
Indicator value			**98.6%**	**99.2%**	**98.6%**

Licensee Comments:

2Q/00: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities.TL

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			44.0	48.0	49.0
Total Key personnel			51.0	53.0	51.0
Indicator value			**86.3%**	**90.6%**	**96.1%**

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	479	475	467	459	954
Total sirens-tests	495	495	495	495	990
Indicator value	**96.8%**	**97.0%**	**96.2%**	**94.9%**	**95.2%**

Licensee Comments:

2Q/00: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

1Q/00: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

4Q/99: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

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	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	**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/99	3Q/99	4Q/99	1Q/00	2Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	23.75	63.25	357.70	143.40	63.20
CCTV compensatory hours	37.5	2.8	0	17.6	36.4
IDS normalization factor	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
Index Value	**0.013**	**0.007**	**0.014**	**0.017**	**0.018**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002

Limerick 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	1.0	1.0	0	0
Critical hours	2208.0	2186.2	2120.6	2183.0	2208.0
Indicator value	**0**	**0.9**	**1.8**	**1.6**	**1.6**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	2.0	0	0	2.0
Critical hours	2208.0	2186.2	2120.6	2183.0	2208.0
Indicator value	**0.9**	**2.7**	**1.8**	**1.6**	**3.2**

Licensee Comments:

3Q/00: 7-8-00 #4 turbine control valve went closed (failed solenoid). 9-9-00 2A recirc pump trip (blown fuse).

3Q/00: 7-8-00 #4 turbine control valve went closed (failed solenoid) 9-9-00 2A recirc pump trip (blown fuse)

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	3.27	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
Train 2					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	18.51	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	0	0	0	0	7.00
Unplanned unavailable hours	2.33	0	0.07	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 4					
Planned unavailable hours	0	208.76	0.32	0	0
Unplanned unavailable hours	0	0	0.07	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		**2.4%**	**2.3%**	**2.1%**	**1.8%**

Licensee Comments:

4Q/98: Correct typo for 4th quarter 1998. Revise the Unit 2 Train 1, Hours Required, from the incorrect value of '2209' to the correct value of '2208'

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	90.40	0	0	8.60	1.40
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	2208.00	2186.20	2120.60	2183.00	2208.00
Indicator value		**1.3%**	**1.2%**	**1.1%**	**0.9%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	4.40	48.72	1.80	2.00	16.20
Unplanned unavailable hours	0	33.58	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2186.20	2120.60	2183.00	2208.00
Indicator value		**1.6%**	**1.6%**	**1.5%**	**1.4%**

Licensee Comments:

3Q/00: Planned unavailability data was revised historically from Jan 98 to present to account for (additional) unavailability which originally was not accounted for.

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0	12.27	0	0
Unplanned unavailable hours	0.60	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0	18.50	2.72	21.22	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	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		**0.6%**	**0.6%**	**0.6%**	**0.5%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000153	0.000284	0.000133	0.000130	0.000139	0.000146	0.000146	0.000147	0.000137	0.000134	0.000143	0.000157
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	4.190	4.440	4.340	4.240	3.640	3.640	3.640	3.740	3.640	3.740	3.790	3.940
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**16.8**	**17.8**	**17.4**	**17.0**	**14.6**	**14.6**	**14.6**	**15.0**	**14.6**	**15.0**	**15.2**	**15.8**

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	37.0	11.0	67.0	9.0	0
Total opportunities	38.0	11.0	67.0	10.0	0
Indicator value		**98.6%**	**99.2%**	**98.6%**	**98.6%**

Licensee Comments:

2Q/00: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities.TL

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		44.0	48.0	49.0	50.0
Total Key personnel		51.0	53.0	51.0	55.0
Indicator value		**86.3%**	**90.6%**	**96.1%**	**90.9%**

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	475	467	459	954	2561
Total sirens-tests	495	495	495	990	2640
Indicator value	**97.0%**	**96.2%**	**94.9%**	**95.2%**	**96.1%**

Licensee Comments:

2Q/00: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

1Q/00: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

4Q/99: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

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

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	63.25	357.70	143.40	63.20	29.50
CCTV compensatory hours	2.8	0	17.6	36.4	16.1
IDS normalization factor	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
Index Value	**0.007**	**0.014**	**0.017**	**0.018**	**0.018**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Last Modified: March 29, 2002

Limerick 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	1.0	1.0	0	0	0
Critical hours	2186.2	2120.6	2183.0	2208.0	2209.0
Indicator value	**0.9**	**1.8**	**1.6**	**1.6**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
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	2.0	0	0	2.0	0
Critical hours	2186.2	2120.6	2183.0	2208.0	2209.0
Indicator value	**2.7**	**1.8**	**1.6**	**3.2**	**1.6**

Licensee Comments:

3Q/00: 7-8-00 #4 turbine control valve went closed (failed solenoid). 9-9-00 2A recirc pump trip (blown fuse).

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	3.27	0	0	0.25
Unplanned unavailable hours	0	0	0	0	2.80
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	0	0	0	9.98
Unplanned unavailable hours	0	18.51	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	0	0	7.00	0.43
Unplanned unavailable hours	0	0.07	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 4					
Planned unavailable hours	208.76	0.32	0	0	0
Unplanned unavailable hours	0	0.07	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	**2.4%**	**2.3%**	**2.1%**	**1.8%**	**1.1%**

Licensee Comments:

4Q/98: Correct typo for 4th quarter 1998. Revise the Unit 2 Train 1, Hours Required, from the incorrect value of '2209' to the correct value of '2208'

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0	8.60	1.40	1.70
Unplanned unavailable hours	0	0	0	0	12.70
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2186.20	2120.60	2183.00	2208.00	2209.00
Indicator value	**1.3%**	**1.2%**	**1.1%**	**0.9%**	**1.0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	48.72	1.80	2.00	16.20	6.70
Unplanned unavailable hours	33.58	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2186.20	2120.60	2183.00	2208.00	2209.00
Indicator value	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**

Licensee Comments:

3Q/00: Planned unavailability data was revised historically from Jan 98 to present to account for (additional) unavailability which originally was not accounted for.

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	12.27	0	0	34.62
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	18.50	2.72	21.22	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

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	0.000130	0.000139	0.000146	0.000146	0.000147	0.000137	0.000134	0.000143	0.000157	0.000146	0.000162	0.000157
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	4.240	3.640	3.640	3.640	3.740	3.640	3.740	3.790	3.940	3.740	3.640	3.540
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**17.0**	**14.6**	**14.6**	**14.6**	**15.0**	**14.6**	**15.0**	**15.2**	**15.8**	**15.0**	**14.6**	**14.2**

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	11.0	67.0	9.0	0	18.0
Total opportunities	11.0	67.0	10.0	0	18.0
Indicator value	**98.6%**	**99.2%**	**98.6%**	**98.6%**	**98.7%**

Licensee Comments:

4Q/00: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities.TL..... Through Review of data for November drill it was discovered that there was one more opportunity and success for the Nov.15, 2000 drill, thus this data has been updated to reflect this math error. Thus, the PI number has been changed from 20 out of 20 to 21 out of 21. MNF.

4Q/00: Through Review of data for November drill it was discovered that there was one more opportunity and success for the Nov.15, 2000 drill, thus this data has been updated to reflect this math error. Thus, the PI number has been changed from 20 out of 20 to 21 out of 21. MNF.

2Q/00: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities.TL

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	44.0	48.0	49.0	50.0	52.0
Total Key personnel	51.0	53.0	51.0	55.0	54.0
Indicator value	**86.3%**	**90.6%**	**96.1%**	**90.9%**	**96.3%**

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	467	459	954	2561	4391
Total sirens-tests	495	495	990	2640	4455
Indicator value	**96.2%**	**94.9%**	**95.2%**	**96.1%**	**97.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
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	**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/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	357.70	143.40	63.20	29.50	81.70
CCTV compensatory hours	0	17.6	36.4	16.1	7.9
IDS normalization factor	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
Index Value	**0.014**	**0.017**	**0.018**	**0.018**	**0.012**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Last Modified: March 28, 2002

Limerick 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	1.0	1.0	0	0	0	1.0
Critical hours	2186.2	2120.6	2183.0	2208.0	2209.0	2101.9
Indicator value	**0.9**	**1.8**	**1.6**	**1.6**	**0.8**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	2.0	0	0	2.0	0	1.0
Critical hours	2186.2	2120.6	2183.0	2208.0	2209.0	2101.9
Indicator value	**2.7**	**1.8**	**1.6**	**3.2**	**1.6**	**2.4**

Licensee Comments:

1Q/01: 3-22-01 Unplanned power change: Reactor recirc runback on low reactor level while placing feedwater in single loop operation.

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	3.27	0	0	0.25	0
Unplanned unavailable hours	0	0	0	0	2.80	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	2140.66
Train 2						
Planned unavailable hours	0	0	0	0	9.98	0
Unplanned unavailable hours	0	18.51	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	2140.66
Train 3						
Planned unavailable hours	0	0	0	7.00	0.43	0
Unplanned unavailable hours	0	0.07	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	2140.66
Train 4						
Planned unavailable hours	208.76	0.32	0	0	0	0
Unplanned unavailable hours	0	0.07	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	2140.66
Indicator value	**2.4%**	**2.3%**	**2.1%**	**1.8%**	**1.1%**	**1.1%**

Licensee Comments:

4Q/98: Correct typo for 4th quarter 1998. Revise the Unit 2 Train 1, Hours Required, from the incorrect value of '2209' to the correct value of '2208'

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	0	8.60	1.40	1.70	3.60
Unplanned unavailable hours	0	0	0	0	12.70	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2186.20	2120.60	2183.00	2208.00	2209.00	2101.90
Indicator value	**1.3%**	**1.2%**	**1.1%**	**0.9%**	**1.0%**	**0.9%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	48.72	1.80	2.00	16.20	6.70	7.80
Unplanned unavailable hours	33.58	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	2186.20	2120.60	2183.00	2208.00	2209.00	2101.90
Indicator value	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.2%**

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	12.27	0	0	34.62	3.80
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	18.50	2.72	21.22	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**	**0.4%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000153	0.000284	0.000133	0.000130	0.000139	0.000146	0.000146	0.000147	0.000137	0.000134	0.000143	0.000157
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000146	0.000162	0.000157	0.000238	0.000192	0.000248
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	4.190	4.440	4.340	4.240	3.640	3.640	3.640	3.740	3.640	3.740	3.790	3.940
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**16.8**	**17.8**	**17.4**	**17.0**	**14.6**	**14.6**	**14.6**	**15.0**	**14.6**	**15.0**	**15.2**	**15.8**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	3.740	3.640	3.540	3.340	3.240	2.840
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**15.0**	**14.6**	**14.2**	**13.4**	**13.0**	**11.4**

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	11.0	67.0	9.0	0	18.0	32.0
Total opportunities	11.0	67.0	10.0	0	18.0	33.0
Indicator value	**98.6%**	**99.2%**	**98.6%**	**98.6%**	**98.7%**	**98.3%**

Licensee Comments:

1Q/01: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities. TL..... An opportunity previously classified successful has been conservatively determined to be unsuccessful due to uncertainty in the evaluation process. TL

4Q/00: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities.TL..... Through Review of data for November drill it was discovered that there was one more opportunity and success for the Nov.15, 2000 drill, thus this data has been updated to reflect this math error. Thus, the PI number has been changed from 20 out of 20 to 21 out of 21. MNF.

4Q/00: Through Review of data for November drill it was discovered that there was one more opportunity and success for the Nov.15, 2000 drill, thus this data has been updated to reflect this math error. Thus, the PI number has been changed from 20 out of 20 to 21 out of 21. MNF.

2Q/00: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities.TL

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	44.0	48.0	49.0	50.0	52.0	59.0
Total Key personnel	51.0	53.0	51.0	55.0	54.0	59.0
Indicator value	**86.3%**	**90.6%**	**96.1%**	**90.9%**	**96.3%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	467	459	954	2561	4391	2125
Total sirens-tests	495	495	990	2640	4455	2145
Indicator value	**96.2%**	**94.9%**	**95.2%**	**96.1%**	**97.5%**	**98.1%**

Licensee Comments: none

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	**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/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	357.70	143.40	63.20	29.50	81.70	85.50
CCTV compensatory hours	0	17.6	36.4	16.1	7.9	45.5
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.014**	**0.017**	**0.018**	**0.018**	**0.012**	**0.011**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Last Modified: March 28, 2002

Limerick 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	1.0	1.0	0	0	0	1.0	1.0
Critical hours	2186.2	2120.6	2183.0	2208.0	2209.0	2101.9	1781.4
Indicator value	**0.9**	**1.8**	**1.6**	**1.6**	**0.8**	**0.8**	**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	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	2.0	0	0	2.0	0	1.0	0
Critical hours	2186.2	2120.6	2183.0	2208.0	2209.0	2101.9	1781.4
Indicator value	**2.7**	**1.8**	**1.6**	**3.2**	**1.6**	**2.4**	**2.5**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	3.27	0	0	0.25	0	3.00
Unplanned unavailable hours	0	0	0	0	2.80	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	2140.66	2037.07
Train 2							
Planned unavailable hours	0	0	0	0	9.98	0	0
Unplanned unavailable hours	0	18.51	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	2140.66	2037.07
Train 3							
Planned unavailable hours	0	0	0	7.00	0.43	0	0.66
Unplanned unavailable hours	0	0.07	0	0	0	0	1.22
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	2140.66	2037.07
Train 4							
Planned unavailable hours	208.76	0.32	0	0	0	0	1.65
Unplanned unavailable hours	0	0.07	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	2140.66	2037.07
Indicator value	**2.4%**	**2.3%**	**2.1%**	**1.8%**	**1.1%**	**1.1%**	**1.1%**

Licensee Comments:

4Q/98: Correct typo for 4th quarter 1998. Revise the Unit 2 Train 1, Hours Required, from the incorrect value of '2209' to the correct value of '2208'

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	0	8.60	1.40	1.70	3.60	7.20
Unplanned unavailable hours	0	0	0	0	12.70	0	0.10
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2186.20	2120.60	2183.00	2208.00	2209.00	2101.90	1781.40
Indicator value	**1.3%**	**1.2%**	**1.1%**	**0.9%**	**1.0%**	**0.9%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	48.72	1.80	2.00	16.20	6.70	7.80	30.70
Unplanned unavailable hours	33.58	0	0	0	0	0	19.80
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2186.20	2120.60	2183.00	2208.00	2209.00	2101.90	1781.40
Indicator value	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.2%**	**1.3%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	12.27	0	0	34.62	3.80	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	18.50	2.72	21.22	0	0	0	15.90
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000153	0.000284	0.000133	0.000130	0.000139	0.000146	0.000146	0.000147	0.000137	0.000134	0.000143	0.000157
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000146	0.000162	0.000157	0.000238	0.000192	0.000248	N/A	0.000050	0.000029
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**0**	**0**

Licensee Comments:

6/01: No steady state in April 2001 due to 2R06

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	4.190	4.440	4.340	4.240	3.640	3.640	3.640	3.740	3.640	3.740	3.790	3.940
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**16.8**	**17.8**	**17.4**	**17.0**	**14.6**	**14.6**	**14.6**	**15.0**	**14.6**	**15.0**	**15.2**	**15.8**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	3.740	3.640	3.540	3.340	3.240	2.840	2.640	2.200	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**15.0**	**14.6**	**14.2**	**13.4**	**13.0**	**11.4**	**10.6**	**8.8**	**8.4**

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
Successful opportunities	11.0	67.0	9.0	0	18.0	32.0	3.0
Total opportunities	11.0	67.0	10.0	0	18.0	33.0	4.0
Indicator value	**98.6%**	**99.2%**	**98.6%**	**98.6%**	**98.7%**	**98.3%**	**97.8%**

Licensee Comments:

1Q/01: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities. TL..... An opportunity previously classified successful has been conservatively determined to be unsuccessful due to uncertainty in the evaluation process. TL

4Q/00: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities.TL..... Through Review of data for November drill it was discovered that there was one more opportunity and success for the Nov.15, 2000 drill, thus this data has been updated to reflect this math error. Thus, the PI number has been changed from 20 out of 20 to 21 out of 21. MNF.

2Q/00: A total of 6 opportunities were removed from the database for drills covering the period of 06/14/2000 to 2/15/2001 because they were determined to be invalid notification opportunities.TL

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	44.0	48.0	49.0	50.0	52.0	59.0	58.0
Total Key personnel	51.0	53.0	51.0	55.0	54.0	59.0	60.0
Indicator value	**86.3%**	**90.6%**	**96.1%**	**90.9%**	**96.3%**	**100.0%**	**96.7%**

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	467	459	954	2561	4391	2125	2118
Total sirens-tests	495	495	990	2640	4455	2145	2145
Indicator value	**96.2%**	**94.9%**	**95.2%**	**96.1%**	**97.5%**	**98.1%**	**98.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0
Indicator value	**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	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	357.70	143.40	63.20	29.50	81.70	85.50	3.70
CCTV compensatory hours	0	17.6	36.4	16.1	7.9	45.5	5.6
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.014**	**0.017**	**0.018**	**0.018**	**0.012**	**0.011**	**0.009**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: March 27, 2002

Limerick 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	1.0	1.0	0	0	0	1.0	1.0	0
Critical hours	2186.2	2120.6	2183.0	2208.0	2209.0	2101.9	1781.4	2208.0
Indicator value	**0.9**	**1.8**	**1.6**	**1.6**	**0.8**	**0.8**	**1.7**	**1.7**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	2.0	0	0	2.0	0	1.0	0	0
Critical hours	2186.2	2120.6	2183.0	2208.0	2209.0	2101.9	1781.4	2208.0
Indicator value	**2.7**	**1.8**	**1.6**	**3.2**	**1.6**	**2.4**	**2.5**	**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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	3.27	0	0	0.25	0	3.00	2.12
Unplanned unavailable hours	0	0	0	0	2.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2140.66	2037.07	2208.00
Train 2								
Planned unavailable hours	0	0	0	0	9.98	0	0	0
Unplanned unavailable hours	0	18.51	0	0	0	0	0	0
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	2140.66	2037.07	2208.00
Train 3								
Planned unavailable hours	0	0	0	7.00	0.43	0	0.66	0
Unplanned unavailable hours	0	0.07	0	0	0	0	1.22	0
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	2140.66	2037.07	2208.00
Train 4								
Planned unavailable hours	208.76	0.32	0	0	0	0	1.65	0.55
Unplanned unavailable hours	0	0.07	0	0	0	0	0	0
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	2140.66	2037.07	2208.00
Indicator value	**2.4%**	**2.3%**	**2.1%**	**1.8%**	**1.1%**	**1.1%**	**1.1%**	**0.6%**

Licensee Comments:

4Q/98: Correct typo for 4th quarter 1998. Revise the Unit 2 Train 1, Hours Required, from the incorrect value of '2209' to the correct value of '2208'

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0	8.60	1.40	1.70	3.60	7.20	4.80
Unplanned unavailable hours	0	0	0	0	12.70	0	0.10	1.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2186.20	2120.60	2183.00	2208.00	2209.00	2101.90	1781.40	2208.00
Indicator value	**1.3%**	**1.2%**	**1.1%**	**0.9%**	**1.0%**	**0.9%**	**0.6%**	**0.7%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	48.72	1.80	2.00	16.20	6.70	7.80	30.70	5.40
Unplanned unavailable hours	33.58	0	0	0	0	0	19.80	1.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2186.20	2120.60	2183.00	2208.00	2209.00	2101.90	1781.40	2208.00
Indicator value	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.2%**	**1.3%**	**1.3%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	12.27	0	0	34.62	3.80	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	18.50	2.72	21.22	0	0	0	15.90	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000153	0.000284	0.000133	0.000130	0.000139	0.000146	0.000146	0.000147	0.000137	0.000134	0.000143	0.000157
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000146	0.000162	0.000157	0.000238	0.000192	0.000248	N/A	0.000050	0.000029	0.000039	0.000028	0.000021
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	4.190	4.440	4.340	4.240	3.640	3.640	3.640	3.740	3.640	3.740	3.790	3.940
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**16.8**	**17.8**	**17.4**	**17.0**	**14.6**	**14.6**	**14.6**	**15.0**	**14.6**	**15.0**	**15.2**	**15.8**

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	3.740	3.640	3.540	3.340	3.240	2.840	2.640	2.200	2.100	2.100	2.100	2.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**15.0**	**14.6**	**14.2**	**13.4**	**13.0**	**11.4**	**10.6**	**8.8**	**8.4**	**8.4**	**8.4**	**8.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	11.0	67.0	9.0	0	18.0	32.0	3.0	8.0
Total opportunities	11.0	67.0	10.0	0	18.0	33.0	4.0	10.0
Indicator value	**98.6%**	**99.2%**	**98.6%**	**98.6%**	**98.7%**	**98.3%**	**97.8%**	**96.7%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	44.0	48.0	49.0	50.0	52.0	59.0	58.0	43.0
Total Key personnel	51.0	53.0	51.0	55.0	54.0	59.0	60.0	43.0
Indicator value	**86.3%**	**90.6%**	**96.1%**	**90.9%**	**96.3%**	**100.0%**	**96.7%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	467	459	954	2561	4391	2125	2118	2124
Total sirens-tests	495	495	990	2640	4455	2145	2145	2145
Indicator value	**96.2%**	**94.9%**	**95.2%**	**96.1%**	**97.5%**	**98.1%**	**98.3%**	**98.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**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	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	357.70	143.40	63.20	29.50	81.70	85.50	3.70	75.20
CCTV compensatory hours	0	17.6	36.4	16.1	7.9	45.5	5.6	1.6
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.014**	**0.017**	**0.018**	**0.018**	**0.012**	**0.011**	**0.009**	**0.009**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Last Modified: March 26, 2002

Limerick 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	1.0	0	0	0	1.0	1.0	0	0
Critical hours	2120.6	2183.0	2208.0	2209.0	2101.9	1781.4	2208.0	2209.0
Indicator value	**1.8**	**1.6**	**1.6**	**0.8**	**0.8**	**1.7**	**1.7**	**1.7**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	0	2.0	0	1.0	0	0	0
Critical hours	2120.6	2183.0	2208.0	2209.0	2101.9	1781.4	2208.0	2209.0
Indicator value	**1.8**	**1.6**	**3.2**	**1.6**	**2.4**	**2.5**	**0.8**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	3.27	0	0	0.25	0	3.00	2.12	1.35
Unplanned unavailable hours	0	0	0	2.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2140.66	2037.07	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	0	9.98	0	0	0	0
Unplanned unavailable hours	18.51	0	0	0	0	0	0	0
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	2140.66	2037.07	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	7.00	0.43	0	0.66	0	0.74
Unplanned unavailable hours	0.07	0	0	0	0	1.22	0	0
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	2140.66	2037.07	2208.00	2209.00
Train 4								
Planned unavailable hours	0.32	0	0	0	0	1.65	0.55	0
Unplanned unavailable hours	0.07	0	0	0	0	0	0	0
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	2140.66	2037.07	2208.00	2209.00
Indicator value	**2.3%**	**2.1%**	**1.8%**	**1.1%**	**1.1%**	**1.1%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	8.60	1.40	1.70	3.60	7.20	4.80	12.60
Unplanned unavailable hours	0	0	0	12.70	0	0.10	1.50	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2120.60	2183.00	2208.00	2209.00	2101.90	1781.40	2208.00	2209.00
Indicator value	**1.2%**	**1.1%**	**0.9%**	**1.0%**	**0.9%**	**0.6%**	**0.7%**	**0.7%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	1.80	2.00	16.20	6.70	7.80	30.70	5.40	3.80
Unplanned unavailable hours	0	0	0	0	0	19.80	1.70	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2120.60	2183.00	2208.00	2209.00	2101.90	1781.40	2208.00	2209.00
Indicator value	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.2%**	**1.3%**	**1.3%**	**0.9%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	12.27	0	0	34.62	3.80	0	0	10.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	2.72	21.22	0	0	0	15.90	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.6%**	**0.6%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Safety System Functional Failures	1	0	1	1	0	0	0	0
Indicator value	**2**	**2**	**2**	**3**	**2**	**2**	**1**	**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	0.000130	0.000139	0.000146	0.000146	0.000147	0.000137	0.000134	0.000143	0.000157	0.000146	0.000162	0.000157
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000238	0.000192	0.000248	N/A	0.000050	0.000029	0.000039	0.000028	0.000021	0.000020	0.000018	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	4.240	3.640	3.640	3.640	3.740	3.640	3.740	3.790	3.940	3.740	3.640	3.540
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**17.0**	**14.6**	**14.6**	**14.6**	**15.0**	**14.6**	**15.0**	**15.2**	**15.8**	**15.0**	**14.6**	**14.2**

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	3.340	3.240	2.840	2.640	2.200	2.100	2.100	2.100	2.200	2.200	2.200	2.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**13.4**	**13.0**	**11.4**	**10.6**	**8.8**	**8.4**	**8.4**	**8.4**	**8.8**	**8.8**	**8.8**	**8.8**

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	67.0	9.0	0	18.0	32.0	3.0	8.0	6.0
Total opportunities	67.0	10.0	0	18.0	33.0	4.0	10.0	6.0
Indicator value	**99.2%**	**98.6%**	**98.6%**	**98.7%**	**98.3%**	**97.8%**	**96.7%**	**96.6%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	48.0	49.0	50.0	52.0	59.0	58.0	43.0	45.0
Total Key personnel	53.0	51.0	55.0	54.0	59.0	60.0	43.0	45.0
Indicator value	**90.6%**	**96.1%**	**90.9%**	**96.3%**	**100.0%**	**96.7%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	459	954	2561	4391	2125	2118	2124	2119
Total sirens-tests	495	990	2640	4455	2145	2145	2145	2145
Indicator value	**94.9%**	**95.2%**	**96.1%**	**97.5%**	**98.1%**	**98.3%**	**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	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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	143.40	63.20	29.50	81.70	85.50	3.70	75.20	13.80
CCTV compensatory hours	17.6	36.4	16.1	7.9	45.5	5.6	1.6	8.8
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.017**	**0.018**	**0.018**	**0.012**	**0.011**	**0.009**	**0.009**	**0.007**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: March 15, 2002

Limerick 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	1.0	1.0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2101.9	1781.4	2208.0	2209.0	2160.0
Indicator value	**1.6**	**1.6**	**0.8**	**0.8**	**1.7**	**1.7**	**1.7**	**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	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	2.0	0	1.0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2101.9	1781.4	2208.0	2209.0	2160.0
Indicator value	**1.6**	**3.2**	**1.6**	**2.4**	**2.5**	**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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	0	0.25	0	3.00	2.12	1.35	0
Unplanned unavailable hours	0	0	2.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2140.66	2037.07	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	0	9.98	0	0	0	0	35.08
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	2183.00	2208.00	2209.00	2140.66	2037.07	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	7.00	0.43	0	0.66	0	0.74	0
Unplanned unavailable hours	0	0	0	0	1.22	0	0	0
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	2140.66	2037.07	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	0	0	0	0	1.65	0.55	0	35.08
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	2183.00	2208.00	2209.00	2140.66	2037.07	2208.00	2209.00	2160.00
Indicator value	**2.1%**	**1.8%**	**1.1%**	**1.1%**	**1.1%**	**0.6%**	**0.6%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	8.60	1.40	1.70	3.60	7.20	4.80	12.60	1.40
Unplanned unavailable hours	0	0	12.70	0	0.10	1.50	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2101.90	1781.40	2208.00	2209.00	2160.00
Indicator value	**1.1%**	**0.9%**	**1.0%**	**0.9%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	2.00	16.20	6.70	7.80	30.70	5.40	3.80	1.90
Unplanned unavailable hours	0	0	0	0	19.80	1.70	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2101.90	1781.40	2208.00	2209.00	2160.00
Indicator value	**1.5%**	**1.4%**	**1.4%**	**1.2%**	**1.3%**	**1.3%**	**0.9%**	**0.7%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	0	34.62	3.80	0	0	10.40	2.06
Unplanned unavailable hours	0	0	0	0	0	0	0	0
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	21.22	0	0	0	15.90	0	0	3.72
Unplanned unavailable hours	0	0	0	0	0	0	0	4.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.6%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.3%**	**0.2%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Safety System Functional Failures	0	1	1	0	0	0	0	0
Indicator value	**2**	**2**	**3**	**2**	**2**	**1**	**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	0.000146	0.000147	0.000137	0.000134	0.000143	0.000157	0.000146	0.000162	0.000157	0.000238	0.000192	0.000248
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	N/A	0.000050	0.000029	0.000039	0.000028	0.000021	0.000020	0.000018	0.000012	0.000018	0.000019	0.000016
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	3.640	3.740	3.640	3.740	3.790	3.940	3.740	3.640	3.540	3.340	3.240	2.840
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**14.6**	**15.0**	**14.6**	**15.0**	**15.2**	**15.8**	**15.0**	**14.6**	**14.2**	**13.4**	**13.0**	**11.4**

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	2.640	2.200	2.100	2.100	2.100	2.200	2.200	2.200	2.200	2.100	2.200	2.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**10.6**	**8.8**	**8.4**	**8.4**	**8.4**	**8.8**	**8.8**	**8.8**	**8.8**	**8.4**	**8.8**	**8.8**

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	9.0	0	18.0	32.0	3.0	8.0	6.0	16.0
Total opportunities	10.0	0	18.0	33.0	4.0	10.0	6.0	16.0
Indicator value	**98.6%**	**98.6%**	**98.7%**	**98.3%**	**97.8%**	**96.7%**	**96.6%**	**94.8%**

Licensee Comments: none

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	49.0	50.0	52.0	59.0	58.0	43.0	45.0	43.0
Total Key personnel	51.0	55.0	54.0	59.0	60.0	43.0	45.0	44.0
Indicator value	**96.1%**	**90.9%**	**96.3%**	**100.0%**	**96.7%**	**100.0%**	**100.0%**	**97.7%**

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	954	2561	4391	2125	2118	2124	2119	2122
Total sirens-tests	990	2640	4455	2145	2145	2145	2145	2145
Indicator value	**95.2%**	**96.1%**	**97.5%**	**98.1%**	**98.3%**	**98.8%**	**98.9%**	**98.9%**

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	63.20	29.50	81.70	85.50	3.70	75.20	13.80	36.60
CCTV compensatory hours	36.4	16.1	7.9	45.5	5.6	1.6	8.8	9.6
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.018**	**0.018**	**0.012**	**0.011**	**0.009**	**0.009**	**0.007**	**0.004**

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

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

Limerick 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	1.0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2101.9	1781.4	2208.0	2209.0	2160.0	2183.0
Indicator value	**1.6**	**0.8**	**0.8**	**1.7**	**1.7**	**1.7**	**0.8**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	2.0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2101.9	1781.4	2208.0	2209.0	2160.0	2183.0
Indicator value	**3.2**	**1.6**	**2.4**	**2.5**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0	0.25	0	3.00	2.12	1.35	0	0
Unplanned unavailable hours	0	2.80	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	9.98	0	0	0	0	35.08	0.43
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	2208.00	2209.00	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	7.00	0.43	0	0.66	0	0.74	0	0.33
Unplanned unavailable hours	0	0	0	1.22	0	0	0	0
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	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	0	0	0	1.65	0.55	0	35.08	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	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00

Indicator value	**1.8%**	**1.1%**	**1.1%**	**1.1%**	**0.6%**	**0.6%**	**0.4%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**3Q/00**	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**
Train 1								
Planned unavailable hours	1.40	1.70	3.60	7.20	4.80	12.60	1.40	41.10
Unplanned unavailable hours	0	12.70	0	0.10	1.50	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2101.90	1781.40	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.9%**	**1.0%**	**0.9%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	16.20	6.70	7.80	30.70	5.40	3.80	1.90	32.60
Unplanned unavailable hours	0	0	0	19.80	1.70	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2101.90	1781.40	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.4%**	**1.4%**	**1.2%**	**1.3%**	**1.3%**	**0.9%**	**0.7%**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0	34.62	3.80	0	0	10.40	2.06	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	0	0	15.90	0	0	3.72	23.83
Unplanned unavailable hours	0	0	0	0	0	0	4.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.3%**	**0.2%**	**0.3%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Safety System Functional Failures	1	1	0	0	0	0	0	0
Indicator value	**2**	**3**	**2**	**2**	**1**	**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	0.000134	0.000143	0.000157	0.000146	0.000162	0.000157	0.000238	0.000192	0.000248	N/A	0.000050	0.000029
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**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	0.000039	0.000028	0.000021	0.000020	0.000018	0.000012	0.000018	0.000019	0.000016	0.000014	0.000024	0.000023
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	3.740	3.790	3.940	3.740	3.640	3.540	3.340	3.240	2.840	2.640	2.200	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**15.0**	**15.2**	**15.8**	**15.0**	**14.6**	**14.2**	**13.4**	**13.0**	**11.4**	**10.6**	**8.8**	**8.4**

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	2.100	2.100	2.200	2.200	2.200	2.200	2.100	2.200	2.200	2.200	2.500	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.4**	**8.8**	**8.8**	**8.8**	**8.8**	**8.4**	**8.8**	**8.8**	**8.8**	**10.0**	**8.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	0	18.0	32.0	3.0	8.0	6.0	16.0	32.0
Total opportunities	0	18.0	33.0	4.0	10.0	6.0	16.0	34.0
Indicator value	**98.6%**	**98.7%**	**98.3%**	**97.8%**	**96.7%**	**96.6%**	**94.8%**	**95.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	50.0	52.0	59.0	58.0	43.0	45.0	43.0	44.0
Total Key personnel	55.0	54.0	59.0	60.0	43.0	45.0	44.0	45.0
Indicator value	**90.9%**	**96.3%**	**100.0%**	**96.7%**	**100.0%**	**100.0%**	**97.7%**	**97.8%**

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	2561	4391	2125	2118	2124	2119	2122	2124
Total sirens-tests	2640	4455	2145	2145	2145	2145	2145	2145
Indicator value	**96.1%**	**97.5%**	**98.1%**	**98.3%**	**98.8%**	**98.9%**	**98.9%**	**98.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
High radiation area occurrences	0	0	0	0	0	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	29.50	81.70	85.50	3.70	75.20	13.80	36.60	92.60
CCTV compensatory hours	16.1	7.9	45.5	5.6	1.6	8.8	9.6	13.1
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.018**	**0.012**	**0.011**	**0.009**	**0.009**	**0.007**	**0.004**	**0.007**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: July 31, 2002

Limerick 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	1.0	1.0	0	0	0	0	1.0
Critical hours	2209.0	2101.9	1781.4	2208.0	2209.0	2160.0	2183.0	2142.5
Indicator value	**0.8**	**0.8**	**1.7**	**1.7**	**1.7**	**0.8**	**0**	**0.8**

Licensee Comments:

3Q/02: Unit 2 manual scram due to loss of condenser vacuum.

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	0	0	0	0	0	0
Critical hours	2209.0	2101.9	1781.4	2208.0	2209.0	2160.0	2183.0	2142.5
Indicator value	**1.6**	**2.4**	**2.5**	**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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0.25	0	3.00	2.12	1.35	0	0	0
Unplanned unavailable hours	2.80	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91
Train 2								
Planned unavailable hours	9.98	0	0	0	0	35.08	0.43	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	2209.00	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91
Train 3								
Planned unavailable hours	0.43	0	0.66	0	0.74	0	0.33	0
Unplanned unavailable hours	0	0	1.22	0	0	0	0	0
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	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91
Train 4								
Planned unavailable hours	0	0	1.65	0.55	0	35.08	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	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91
Indicator value	**1.1%**	**1.1%**	**1.1%**	**0.6%**	**0.6%**	**0.4%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**
Train 1								
Planned unavailable hours	1.70	3.60	7.20	4.80	12.60	1.40	41.10	2.30
Unplanned unavailable hours	12.70	0	0.10	1.50	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2101.90	1781.40	2208.00	2209.00	2160.00	2183.00	2142.50
Indicator value	**1.0%**	**0.9%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	6.70	7.80	30.70	5.40	3.80	1.90	32.60	2.80
Unplanned unavailable hours	0	0	19.80	1.70	0	0	0	0.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2101.90	1781.40	2208.00	2209.00	2160.00	2183.00	2142.50
Indicator value	**1.4%**	**1.2%**	**1.3%**	**1.3%**	**0.9%**	**0.7%**	**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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	34.62	3.80	0	0	10.40	2.06	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	15.90	0	0	3.72	23.83	0
Unplanned unavailable hours	0	0	0	0	0	4.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.3%**	**0.2%**	**0.3%**	**0.3%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	**3**	**2**	**2**	**1**	**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	0.000146	0.000162	0.000157	0.000238	0.000192	0.000248	N/A	0.000050	0.000029	0.000039	0.000028	0.000021
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**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	0.000020	0.000018	0.000012	0.000018	0.000019	0.000016	0.000014	0.000024	0.000023	0.000023	0.000014	0.000037
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	3.740	3.640	3.540	3.340	3.240	2.840	2.640	2.200	2.100	2.100	2.100	2.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**15.0**	**14.6**	**14.2**	**13.4**	**13.0**	**11.4**	**10.6**	**8.8**	**8.4**	**8.4**	**8.4**	**8.8**

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	2.200	2.200	2.200	2.100	2.200	2.200	2.200	2.500	2.100	2.200	2.200	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**8.8**	**8.8**	**8.4**	**8.8**	**8.8**	**8.8**	**10.0**	**8.4**	**8.8**	**8.8**	**8.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	18.0	32.0	3.0	8.0	6.0	16.0	32.0	5.0
Total opportunities	18.0	33.0	4.0	10.0	6.0	16.0	34.0	6.0
Indicator value	**98.7%**	**98.3%**	**97.8%**	**96.7%**	**96.6%**	**94.8%**	**95.0%**	**94.5%**

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	52.0	59.0	58.0	43.0	45.0	43.0	44.0	49.0
Total Key personnel	54.0	59.0	60.0	43.0	45.0	44.0	45.0	51.0
Indicator value	**96.3%**	**100.0%**	**96.7%**	**100.0%**	**100.0%**	**97.7%**	**97.8%**	**96.1%**

Licensee Comments: none

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	4391	2125	2118	2124	2119	2122	2124	2121
Total sirens-tests	4455	2145	2145	2145	2145	2145	2145	2145
Indicator value	**97.5%**	**98.1%**	**98.3%**	**98.8%**	**98.9%**	**98.9%**	**98.9%**	**98.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
IDS compensatory hours	81.70	85.50	3.70	75.20	13.80	36.60	92.60	64.70
CCTV compensatory hours	7.9	45.5	5.6	1.6	8.8	9.6	13.1	0
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.012**	**0.011**	**0.009**	**0.009**	**0.007**	**0.004**	**0.007**	**0.007**

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

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

Limerick 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	1.0	1.0	0	0	0	0	1.0	0
Critical hours	2101.9	1781.4	2208.0	2209.0	2160.0	2183.0	2142.5	2209.0
Indicator value	**0.8**	**1.7**	**1.7**	**1.7**	**0.8**	**0**	**0.8**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	0	0	0	0	0	0	0
Critical hours	2101.9	1781.4	2208.0	2209.0	2160.0	2183.0	2142.5	2209.0
Indicator value	**2.4**	**2.5**	**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	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0	3.00	2.12	1.35	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	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00
Train 2								
Planned unavailable hours	0	0	0	0	35.08	0.43	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	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00
Train 3								
Planned unavailable hours	0	0.66	0	0.74	0	0.33	0	0
Unplanned unavailable hours	0	1.22	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00
Train 4								
Planned unavailable hours	0	1.65	0.55	0	35.08	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	2140.66	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00
Indicator value	**1.1%**	**1.1%**	**0.6%**	**0.6%**	**0.4%**	**0.3%**	**0.3%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	3.60	10.20	6.70	13.90	2.90	42.60	3.70	25.30
Unplanned unavailable hours	0	0.10	1.50	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2101.90	1781.40	2208.00	2209.00	2160.00	2183.00	2142.50	2209.00
Indicator value	**0.9%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.5%**	**0.6%**

Licensee Comments:

4Q/02: The following data has been added (planned unavailability) to account for the time the flow controller was in the manual position without proper written restoration procedures. No color change resulted: 1st QTR 2000 Jan-2.3, Mar-1.3, 2nd QTR 2000 Jun-1.1, 3rd QTR 2000 Aug-1.6, 4th QTR 2000 Dec-2.1, 2nd QTR 2001 Apr-1.5, Jun-1.5, 3rd QTR 2001 Sep-1.9, 4th QTR 2001 Dec-1.3, 1st QTR 2002 Mar-1.5, 2nd QTR 2002 Jun-1.5, 3rd QTR 2002 Sep-1.4

3Q/02: Changed per 4th Qtr 2002 comment.

2Q/02: Changed per 4th Qtr 2002 comment.

1Q/02: Changed per 4th Qtr 2002 comment.

4Q/01: Changed per 4th Qtr 2002 comment.

3Q/01: Changed per 4th Qtr 2002 comment.

2Q/01: Changed per 4th Qtr 2002 comment.

4Q/00: Changed per 4th Qtr 2002 comment.

3Q/00: Changed per 4th Qtr 2002 comment.

2Q/00: Changed per 4th Qtr 2002 comment.

1Q/00: Changed per 4th Qtr 2002 comment.

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	9.30	32.60	6.30	4.50	2.60	33.80	4.20	0.90
Unplanned unavailable hours	0	19.80	1.70	0	0	0	0.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2101.90	1781.40	2208.00	2209.00	2160.00	2183.00	2142.50	2209.00
Indicator value	**1.2%**	**1.3%**	**1.4%**	**1.0%**	**0.8%**	**0.9%**	**0.9%**	**0.6%**

Licensee Comments:

4Q/02: The following data has been added (planned unavailability) to account for the time the flow controller was in the manual position without proper written restoration procedures. No color change resulted: 1st QTR 2000 Mar-0.6, 2nd QTR 2000 Jun-0.9, 3rd QTR 2000 Sep-1.0, 4th QTR 2000 Dec-2.2, 1st QTR 2001 Mar-1.5, 2nd QTR 2001 Apr-1.1, Jun-0.8, 3rd QTR 2001 Sep-0.9, 4th QTR 2001 Dec-0.7, 1st QTR 2002 Mar-0.7, 2nd QTR 2002 Jun-1.2, 3rd QTR 2002 Sep-1.4

3Q/02: Changed per 4th Qtr 2002 comment.

2Q/02: Changed per 4th Qtr 2002 comment.

1Q/02: Changed per 4th Qtr 2002 comment.

4Q/01: Changed per 4th Qtr 2002 comment.

3Q/01: Changed per 4th Qtr 2002 comment.

2Q/01: Changed per 4th Qtr 2002 comment.

1Q/01: Changed per 4th Qtr 2002 comment.

4Q/00: Changed per 4th Qtr 2002 comment.

3Q/00: Planned unavailability data was revised historically from Jan 98 to present to account for (additional) unavailability which originally was not accounted for. Changed per 4th Qtr 2002 comment.

2Q/00: Changed per 4th Qtr 2002 comment.

1Q/00: Changed per 4th Qtr 2002 comment.

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	3.80	0	0	10.40	2.06	0	0	24.78
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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								

Planned unavailable hours	0	15.90	0	0	3.72	23.83	0	0.46
Unplanned unavailable hours	0	0	0	0	4.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.4%**	**0.4%**	**0.4%**	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	**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	**2**	**2**	**1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000238	0.000192	0.000248	N/A	0.000050	0.000029	0.000039	0.000028	0.000021	0.000020	0.000018	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**N/A**	**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	0.000018	0.000019	0.000016	0.000014	0.000024	0.000023	0.000023	0.000014	0.000037	0.000022	0.000021	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	3.340	3.240	2.840	2.640	2.200	2.100	2.100	2.100	2.200	2.200	2.200	2.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**13.4**	**13.0**	**11.4**	**10.6**	**8.8**	**8.4**	**8.4**	**8.4**	**8.8**	**8.8**	**8.8**	**8.8**

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	2.100	2.200	2.200	2.200	2.500	2.100	2.200	2.200	2.100	2.000	2.200	2.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.8**	**8.8**	**8.8**	**10.0**	**8.4**	**8.8**	**8.8**	**8.4**	**8.0**	**8.8**	**8.8**

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	32.0	3.0	8.0	6.0	16.0	32.0	5.0	15.0
Total opportunities	33.0	4.0	10.0	6.0	16.0	34.0	6.0	15.0
Indicator value	**98.3%**	**97.8%**	**96.7%**	**96.6%**	**94.8%**	**95.0%**	**94.5%**	**94.4%**

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	59.0	58.0	43.0	45.0	43.0	44.0	49.0	52.0
Total Key personnel	59.0	60.0	43.0	45.0	44.0	45.0	51.0	53.0
Indicator value	**100.0%**	**96.7%**	**100.0%**	**100.0%**	**97.7%**	**97.8%**	**96.1%**	**98.1%**

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	2125	2118	2124	2119	2122	2124	2121	2298
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2310
Indicator value	**98.1%**	**98.3%**	**98.8%**	**98.9%**	**98.9%**	**98.9%**	**98.9%**	**99.1%**

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	85.50	3.70	75.20	13.80	36.60	92.60	64.70	60.90
CCTV compensatory hours	45.5	5.6	1.6	8.8	9.6	13.1	0	26.4
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.011**	**0.009**	**0.009**	**0.007**	**0.004**	**0.007**	**0.007**	**0.009**

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

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

Limerick 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	0	1.0	0	1.0
Critical hours	1781.4	2208.0	2209.0	2160.0	2183.0	2142.5	2209.0	1722.6
Indicator value	**1.7**	**1.7**	**1.7**	**0.8**	**0**	**0.8**	**0.8**	**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	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1781.4	2208.0	2209.0	2160.0	2183.0	2142.5	2209.0	1722.6
Indicator value	**2.5**	**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	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	3.00	2.12	1.35	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30
Train 2								
Planned unavailable hours	0	0	0	35.08	0.43	0	0	6.31
Unplanned unavailable hours	0	0	0	0	0	0	0	7.35
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30
Train 3								
Planned unavailable hours	0.66	0	0.74	0	0.33	0	0	0
Unplanned unavailable hours	1.22	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30
Train 4								
Planned unavailable hours	1.65	0.55	0	35.08	0	0	0	6.65
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	2037.07	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30

Indicator value	**1.1%**	**0.6%**	**0.6%**	**0.4%**	**0.3%**	**0.3%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**
Train 1								
Planned unavailable hours	10.20	6.70	13.90	2.90	42.60	3.70	25.30	2.00
Unplanned unavailable hours	0.10	1.50	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1781.40	2208.00	2209.00	2160.00	2183.00	2142.50	2209.00	1722.60
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.5%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	32.60	6.30	4.50	2.60	33.80	4.20	0.90	8.10
Unplanned unavailable hours	19.80	1.70	0	0	0	0.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1781.40	2208.00	2209.00	2160.00	2183.00	2142.50	2209.00	1722.60
Indicator value	**1.3%**	**1.4%**	**1.0%**	**0.8%**	**0.9%**	**0.9%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	0	0	10.40	2.06	0	0	24.78	2.87
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	15.90	0	0	3.72	23.83	0	0.46	6.30
Unplanned unavailable hours	0	0	0	4.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.4%**	**0.4%**	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	N/A	0.000050	0.000029	0.000039	0.000028	0.000021	0.000020	0.000018	0.000012	0.000018	0.000019	0.000016
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**N/A**	**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	0.000014	0.000024	0.000023	0.000023	0.000014	0.000037	0.000022	0.000021	0.000013	0.000015	0.000028	0.000020
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	2.640	2.200	2.100	2.100	2.100	2.200	2.200	2.200	2.200	2.100	2.200	2.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**10.6**	**8.8**	**8.4**	**8.4**	**8.4**	**8.8**	**8.8**	**8.8**	**8.8**	**8.4**	**8.8**	**8.8**

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	2.200	2.500	2.100	2.200	2.200	2.100	2.000	2.200	2.200	2.200	2.200	3.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**10.0**	**8.4**	**8.8**	**8.8**	**8.4**	**8.0**	**8.8**	**8.8**	**8.8**	**8.8**	**12.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	3.0	8.0	6.0	16.0	32.0	5.0	15.0	11.0
Total opportunities	4.0	10.0	6.0	16.0	34.0	6.0	15.0	12.0
Indicator value	**97.8%**	**96.7%**	**96.6%**	**94.8%**	**95.0%**	**94.5%**	**94.4%**	**93.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	58.0	43.0	45.0	43.0	44.0	49.0	52.0	53.0
Total Key personnel	60.0	43.0	45.0	44.0	45.0	51.0	53.0	53.0
Indicator value	**96.7%**	**100.0%**	**100.0%**	**97.7%**	**97.8%**	**96.1%**	**98.1%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	2118	2124	2119	2122	2124	2121	2298	2133
Total sirens-tests	2145	2145	2145	2145	2145	2145	2310	2145
Indicator value	**98.3%**	**98.8%**	**98.9%**	**98.9%**	**98.9%**	**98.9%**	**99.1%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	3.70	75.20	13.80	36.60	92.60	64.70	60.90	129.50
CCTV compensatory hours	5.6	1.6	8.8	9.6	13.1	0	26.4	41.5
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.009**	**0.009**	**0.007**	**0.004**	**0.007**	**0.007**	**0.009**	**0.012**

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 22, 2003

Limerick 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	0	1.0	0	1.0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	2142.5	2209.0	1722.6	2183.0
Indicator value	**1.7**	**1.7**	**0.8**	**0**	**0.8**	**0.8**	**1.7**	**1.7**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	2142.5	2209.0	1722.6	2183.0
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	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	2.12	1.35	0	0	0	0	0	1.68
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30	2184.00
Train 2								
Planned unavailable hours	0	0	35.08	0.43	0	0	6.31	2.65
Unplanned unavailable hours	0	0	0	0	0	0	7.35	2.85
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	2191.91	2209.00	1951.30	2184.00
Train 3								
Planned unavailable hours	0	0.74	0	0.33	0	0	0	0.32
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	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30	2184.00
Train 4								
Planned unavailable hours	0.55	0	35.08	0	0	0	6.65	1.12
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	2208.00	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30	2184.00

Indicator value	**0.6%**	**0.6%**	**0.4%**	**0.3%**	**0.3%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**
Train 1								
Planned unavailable hours	6.70	13.90	2.90	42.60	3.70	25.30	2.00	15.50
Unplanned unavailable hours	1.50	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2142.50	2209.00	1722.60	2183.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.5%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	6.30	4.50	2.60	33.80	4.20	0.90	8.10	2.30
Unplanned unavailable hours	1.70	0	0	0	0.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2142.50	2209.00	1722.60	2183.00
Indicator value	**1.4%**	**1.0%**	**0.8%**	**0.9%**	**0.9%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0	10.40	2.06	0	0	24.78	2.87	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	0	3.72	23.83	0	0.46	6.30	17.00
Unplanned unavailable hours	0	0	4.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.4%**	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	**1**	**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	0.000039	0.000028	0.000021	0.000020	0.000018	0.000012	0.000018	0.000019	0.000016	0.000014	0.000024	0.000023
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000023	0.000014	0.000037	0.000022	0.000021	0.000013	0.000015	0.000028	0.000020	0.000009	0.000013	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	2.100	2.100	2.200	2.200	2.200	2.200	2.100	2.200	2.200	2.200	2.500	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.4**	**8.8**	**8.8**	**8.8**	**8.8**	**8.4**	**8.8**	**8.8**	**8.8**	**10.0**	**8.4**

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	2.200	2.200	2.100	2.000	2.200	2.200	2.200	2.200	3.100	2.700	2.400	2.300
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**8.8**	**8.4**	**8.0**	**8.8**	**8.8**	**8.8**	**8.8**	**12.4**	**10.8**	**9.6**	**9.2**

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	8.0	6.0	16.0	32.0	5.0	15.0	11.0	36.0
Total opportunities	10.0	6.0	16.0	34.0	6.0	15.0	12.0	38.0
Indicator value	**96.7%**	**96.6%**	**94.8%**	**95.0%**	**94.5%**	**94.4%**	**93.2%**	**94.2%**

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	43.0	45.0	43.0	44.0	49.0	52.0	53.0	54.0
Total Key personnel	43.0	45.0	44.0	45.0	51.0	53.0	53.0	54.0
Indicator value	**100.0%**	**100.0%**	**97.7%**	**97.8%**	**96.1%**	**98.1%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	2124	2119	2122	2124	2121	2298	2133	2126
Total sirens-tests	2145	2145	2145	2145	2145	2310	2145	2145
Indicator value	**98.8%**	**98.9%**	**98.9%**	**98.9%**	**98.9%**	**99.1%**	**99.2%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

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	75.20	13.80	36.60	92.60	64.70	60.90	129.50	52.10
CCTV compensatory hours	1.6	8.8	9.6	13.1	0	26.4	41.5	15.7
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.009**	**0.007**	**0.004**	**0.007**	**0.007**	**0.009**	**0.012**	**0.012**

Licensee Comments: none

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

Limerick 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	0	1.0	0	1.0	0	0
Critical hours	2209.0	2160.0	2183.0	2142.5	2209.0	1722.6	2183.0	2208.0
Indicator value	**1.7**	**0.8**	**0**	**0.8**	**0.8**	**1.7**	**1.7**	**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	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2209.0	2160.0	2183.0	2142.5	2209.0	1722.6	2183.0	2208.0
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments:

1Q/03: A FAQ is under review by the NEI working group for a greater than 20% power change that occurred in February 2003 on Unit 2, due to a severe snowstorm which resulted in damming the make-up water source. An assessment was conducted that resulted in high confidence that the event should not be counted. The FAQ was submitted based on NEI 99-02 guidance that each case is different and should be evaluated. Furthermore, no impact to the PI color would have or will occur, even if the event is counted.

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	1.35	0	0	0	0	0	1.68	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	2191.91	2209.00	1951.30	2183.00	2208.00
Train 2								
Planned unavailable hours	0	35.08	0.43	0	0	6.31	2.65	1.12
Unplanned unavailable hours	0	0	0	0	0	7.35	2.85	0
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	2191.91	2209.00	1951.30	2183.00	2208.00
Train 3								
Planned unavailable hours	0.74	0	0.33	0	0	0	0.32	0.62
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	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30	2183.00	2208.00
Train 4								
Planned unavailable hours	0	35.08	0	0	0	6.65	1.12	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2191.91	2209.00	1951.30	2183.00	2208.00

Indicator value	**0.6%**	**0.4%**	**0.3%**	**0.3%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments:

3Q/03: Unnavailability associated with the performance of the Undervoltage Relay Test, RT-2-092-32(1-4)-2, is currently under review for the historical data. All 3 months in this quarter have been updated to reflect any unavailability associated with performance of these tests during the quarter.

2Q/03: The original submittal did not take into account daylight savings time when calculating hours train required to be available for service. No impact to unavailability on train or unit level. PI region and color unchanged. April 2003 only affected month.

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**
Train 1								
Planned unavailable hours	13.90	2.90	42.60	3.70	25.30	2.00	15.50	0.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2142.50	2209.00	1722.60	2183.00	2208.00

Indicator value	**0.7%**	**0.7%**	**0.8%**	**0.5%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**
Train 1								
Planned unavailable hours	4.50	2.60	33.80	4.20	0.90	8.10	2.30	26.20
Unplanned unavailable hours	0	0	0	0.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2142.50	2209.00	1722.60	2183.00	2208.00
Indicator value	**1.0%**	**0.8%**	**0.9%**	**0.9%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	10.40	2.06	0	0	24.78	2.87	0	2.18
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	3.72	23.83	0	0.46	6.30	17.00	0
Unplanned unavailable hours	0	4.80	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/01**	**11/01**	**12/01**	**1/02**	**2/02**	**3/02**	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**
Maximum activity	0.000020	0.000018	0.000012	0.000018	0.000019	0.000016	0.000014	0.000024	0.000023	0.000023	0.000014	0.000037
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000022	0.000021	0.000013	0.000015	0.000028	0.000020	0.000009	0.000013	0.000010	0.000009	0.000013	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	2.200	2.200	2.200	2.100	2.200	2.200	2.200	2.500	2.100	2.200	2.200	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**8.8**	**8.8**	**8.4**	**8.8**	**8.8**	**8.8**	**10.0**	**8.4**	**8.8**	**8.8**	**8.4**

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	2.000	2.200	2.200	2.200	2.200	3.100	2.700	2.400	2.300	2.400	2.500	2.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.8**	**8.8**	**8.8**	**8.8**	**12.4**	**10.8**	**9.6**	**9.2**	**9.6**	**10.0**	**9.6**

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	6.0	16.0	32.0	5.0	15.0	11.0	36.0	8.0
Total opportunities	6.0	16.0	34.0	6.0	15.0	12.0	38.0	8.0
Indicator value	**96.6%**	**94.8%**	**95.0%**	**94.5%**	**94.4%**	**93.2%**	**94.2%**	**95.6%**

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	45.0	43.0	44.0	49.0	52.0	53.0	54.0	55.0
Total Key personnel	45.0	44.0	45.0	51.0	53.0	53.0	54.0	56.0
Indicator value	**100.0%**	**97.7%**	**97.8%**	**96.1%**	**98.1%**	**100.0%**	**100.0%**	**98.2%**

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	2119	2122	2124	2121	2298	2133	2126	2129
Total sirens-tests	2145	2145	2145	2145	2310	2145	2145	2145
Indicator value	**98.9%**	**98.9%**	**98.9%**	**98.9%**	**99.1%**	**99.2%**	**99.2%**	**99.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
IDS compensatory hours	13.80	36.60	92.60	64.70	60.90	129.50	52.10	5.90
CCTV compensatory hours	8.8	9.6	13.1	0	26.4	41.5	15.7	0.9
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.007**	**0.004**	**0.007**	**0.007**	**0.009**	**0.012**	**0.012**	**0.010**

Licensee Comments: none

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

Limerick 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	0	1.0	0	1.0	0	0	0
Critical hours	2160.0	2183.0	2142.5	2209.0	1722.6	2183.0	2208.0	2209.0
Indicator value	**0.8**	**0**	**0.8**	**0.8**	**1.7**	**1.7**	**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	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	0	1.0	0
Critical hours	2160.0	2183.0	2142.5	2209.0	1722.6	2183.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**1.7**	**1.7**

Licensee Comments:

1Q/03: A FAQ is under review by the NEI working group for a greater than 20% power change that occurred in February 2003 on Unit 2, due to a severe snowstorm which resulted in damming the make-up water source. An assessment was conducted that resulted in high confidence that the event should not be counted. The FAQ was submitted based on NEI 99-02 guidance that each case is different and should be evaluated. Furthermore, no impact to the PI color would have or will occur, even if the event is counted.. Based on conversations with NEI, the FAQ submitted for the Unit 2 power change due to loss of Schuylkill River pumps was retracted. Therefore, this power change is reclassified as "unplanned". This change does not result in a color change for this indicator (color Green).....

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	0.45	0.45	0.68	0.65	0	1.68	0	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	2160.00	2183.00	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	35.58	0.95	0	0.80	6.64	2.65	1.12	1.08
Unplanned unavailable hours	0	0	0	0	7.35	2.85	0	0
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	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0.45	0.58	0.58	0.80	0	0.82	0.62	0.87
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	2160.00	2183.00	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	35.46	0	0.28	0.38	6.65	1.12	0.90	0
Unplanned unavailable hours	0	0	0	0	0	0	0	47.95
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	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00

Indicator value	**0.5%**	**0.3%**	**0.3%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.2%**

Licensee Comments:

2Q/03: The original submittal did not take into account daylight savings time when calculating hours train required to be available for service. No impact to unavailability on train or unit level. PI region and color unchanged. April 2003 only affected month.....new comment 1/21/04- A recent review of the system impact when performing procedures RT-2-092-32 (1-4)-1&2, 4kv Undervoltage Relay Test, indicated that the test resulted in planned EDG unavailability not previously counted. The impacted period is from November 2000 to October 2003 (36 months). The data for 3rd quarter 2003 was corrected prior to submittal and is not included in this change submittal. The total hrs added to each train are as follows: train 1, 5.38 hrs; train 2, 5.28 hrs; train 3, 5.38 hrs; train 4, 5.11 hrs. The change had no impact on PI region or color.

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**	**4Q/03**
Train 1								
Planned unavailable hours	2.90	42.60	3.70	25.30	2.00	15.50	0.30	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	2160.00	2183.00	2142.50	2209.00	1722.60	2183.00	2208.00	2209.00
Indicator value	**0.7%**	**0.8%**	**0.5%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**	**4Q/03**
Train 1								
Planned unavailable hours	2.60	33.80	4.20	0.90	8.10	2.30	26.20	0.30
Unplanned unavailable hours	0	0	0.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2142.50	2209.00	1722.60	2183.00	2208.00	2209.00
Indicator value	**0.8%**	**0.9%**	**0.9%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

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	2.06	0	0	24.78	2.87	0	2.18	26.85
Unplanned unavailable hours	0	0	0	0	0	0	0	0
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	3.72	23.83	0	0.46	6.30	17.00	0	0
Unplanned unavailable hours	4.80	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	0.000018	0.000019	0.000016	0.000014	0.000024	0.000023	0.000023	0.000014	0.000037	0.000022	0.000021	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000015	0.000028	0.000020	0.000009	0.000013	0.000010	0.000009	0.000013	0.000012	0.000010	0.000010	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	2.100	2.200	2.200	2.200	2.500	2.100	2.200	2.200	2.100	2.000	2.200	2.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.8**	**8.8**	**8.8**	**10.0**	**8.4**	**8.8**	**8.8**	**8.4**	**8.0**	**8.8**	**8.8**

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	2.200	2.200	3.100	2.700	2.400	2.300	2.400	2.500	2.400	2.300	2.320	2.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**8.8**	**12.4**	**10.8**	**9.6**	**9.2**	**9.6**	**10.0**	**9.6**	**9.2**	**9.3**	**9.6**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	16.0	32.0	5.0	15.0	11.0	36.0	8.0	141.0
Total opportunities	16.0	34.0	6.0	15.0	12.0	38.0	8.0	148.0
Indicator value	**94.8%**	**95.0%**	**94.5%**	**94.4%**	**93.2%**	**94.2%**	**95.6%**	**95.3%**

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	43.0	44.0	49.0	52.0	53.0	54.0	55.0	58.0
Total Key personnel	44.0	45.0	51.0	53.0	53.0	54.0	56.0	58.0
Indicator value	**97.7%**	**97.8%**	**96.1%**	**98.1%**	**100.0%**	**100.0%**	**98.2%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	2122	2124	2121	2298	2133	2126	2129	2127
Total sirens-tests	2145	2145	2145	2310	2145	2145	2145	2145
Indicator value	**98.9%**	**98.9%**	**98.9%**	**99.1%**	**99.2%**	**99.2%**	**99.3%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
IDS compensatory hours	36.60	92.60	64.70	60.90	129.50	52.10	5.90	16.40
CCTV compensatory hours	9.6	13.1	0	26.4	41.5	15.7	0.9	33.1
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.004**	**0.007**	**0.007**	**0.009**	**0.012**	**0.012**	**0.010**	**0.009**

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

Limerick 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	0	1.0	0	1.0	0	0	0	0
Critical hours	2183.0	2142.5	2209.0	1722.6	2183.0	2208.0	2209.0	2184.0
Indicator value	**0**	**0.8**	**0.8**	**1.7**	**1.7**	**0.8**	**0.8**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	0	0	0	1.0	0	1.0	0	0
Critical hours	2183.0	2142.5	2209.0	1722.6	2183.0	2208.0	2209.0	2184.0
Indicator value	**0**	**0**	**0**	**0.8**	**0.8**	**1.7**	**1.7**	**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	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0.45	0.68	0.65	0	1.68	0	0.57	0.33
Unplanned unavailable hours	0	0	0	0	0	0	0	11.27
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	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	0.95	0	0.80	6.64	2.65	1.12	1.08	6.55
Unplanned unavailable hours	0	0	0	7.35	2.85	0	0	3.78
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	0.58	0.58	0.80	0	0.82	0.62	0.87	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	2183.00	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00	2184.00
Train 4								
Planned unavailable hours	0	0.28	0.38	6.65	1.12	0.90	0	0
Unplanned unavailable hours	0	0	0	0	0	0	47.95	2.57
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	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.3%**	**0.3%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	42.60	3.70	25.30	2.00	15.50	0.30	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2142.50	2209.00	1722.60	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.8%**	**0.5%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	33.80	4.20	0.90	8.10	2.30	26.20	0.30	0
Unplanned unavailable hours	0	0.80	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2142.50	2209.00	1722.60	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.9%**	**0.9%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	0	24.78	2.87	0	2.18	26.85	1.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	23.83	0	0.46	6.30	17.00	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	0.000014	0.000024	0.000023	0.000023	0.000014	0.000037	0.000022	0.000021	0.000013	0.000015	0.000028	0.000020
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0.000009	0.000013	0.000010	0.000009	0.000013	0.000012	0.000010	0.000010	0.000010	0.000010	0.000009	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	2.200	2.500	2.100	2.200	2.200	2.100	2.000	2.200	2.200	2.200	2.200	3.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**10.0**	**8.4**	**8.8**	**8.8**	**8.4**	**8.0**	**8.8**	**8.8**	**8.8**	**8.8**	**12.4**

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	2.700	2.400	2.300	2.400	2.500	2.400	2.300	2.320	2.400	2.400	2.400	2.450
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**10.8**	**9.6**	**9.2**	**9.6**	**10.0**	**9.6**	**9.2**	**9.3**	**9.6**	**9.6**	**9.6**	**9.8**

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	32.0	5.0	15.0	11.0	36.0	8.0	141.0	18.0
Total opportunities	34.0	6.0	15.0	12.0	38.0	8.0	148.0	20.0
Indicator value	**95.0%**	**94.5%**	**94.4%**	**93.2%**	**94.2%**	**95.6%**	**95.3%**	**94.7%**

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	44.0	49.0	52.0	53.0	54.0	55.0	58.0	62.0
Total Key personnel	45.0	51.0	53.0	53.0	54.0	56.0	58.0	62.0
Indicator value	**97.8%**	**96.1%**	**98.1%**	**100.0%**	**100.0%**	**98.2%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	2124	2121	2298	2133	2126	2129	2127	2134
Total sirens-tests	2145	2145	2310	2145	2145	2145	2145	2145
Indicator value	**98.9%**	**98.9%**	**99.1%**	**99.2%**	**99.2%**	**99.3%**	**99.2%**	**99.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

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	92.60	64.70	60.90	129.50	52.10	5.90	16.40	65.90
CCTV compensatory hours	13.1	0	26.4	41.5	15.7	0.9	33.1	31.1
IDS normalization factor	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	**0.007**	**0.007**	**0.009**	**0.012**	**0.012**	**0.010**	**0.009**	**0.007**

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

Limerick 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	0	1.0	0	0	0	0	1.0
Critical hours	2142.5	2209.0	1722.6	2183.0	2208.0	2209.0	2184.0	2152.1
Indicator value	**0.8**	**0.8**	**1.7**	**1.7**	**0.8**	**0.8**	**0**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	0	1.0	0	1.0	0	0	0
Critical hours	2142.5	2209.0	1722.6	2183.0	2208.0	2209.0	2184.0	2152.1
Indicator value	**0**	**0**	**0.8**	**0.8**	**1.7**	**1.7**	**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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0.68	0.65	0	1.68	0	0.57	0.33	0
Unplanned unavailable hours	0	0	0	0	0	0	11.27	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	0	0.80	6.64	2.65	1.12	1.08	6.55	0
Unplanned unavailable hours	0	0	7.35	2.85	0	0	3.78	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	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3								
Planned unavailable hours	0.58	0.80	0	0.82	0.62	0.87	0	9.13
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	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00
Train 4								
Planned unavailable hours	0.28	0.38	6.65	1.12	0.90	0	0	2.23
Unplanned unavailable hours	0	0	0	0	0	47.95	2.57	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2191.91	2209.00	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	**0.3%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	3.70	25.30	2.00	15.50	0.30	0	0	38.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	32.80	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2142.50	2209.00	1722.60	2183.00	2208.00	2209.00	2184.00	2152.13
Indicator value	**0.5%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.7%**

Licensee Comments:

1Q/03: 32.8 hrs of fault exposure added in March 2003 due to LER 1-04-001

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	4.20	0.90	8.10	2.30	26.20	0.30	0	32.30
Unplanned unavailable hours	0.80	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2142.50	2209.00	1722.60	2183.00	2208.00	2209.00	2184.00	2152.13
Indicator value	**0.9%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0	24.78	2.87	0	2.18	26.85	1.30	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	0	0.46	6.30	17.00	0	0	0	20.67
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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**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	0.000023	0.000014	0.000037	0.000022	0.000021	0.000013	0.000015	0.000028	0.000020	0.000009	0.000013	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0.000009	0.000013	0.000012	0.000010	0.000010	0.000010	0.000010	0.000009	0.000012	0.000013	0.000014	0.000063
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	2.200	2.200	2.100	2.000	2.200	2.200	2.200	2.200	3.100	2.700	2.400	2.300
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**8.8**	**8.4**	**8.0**	**8.8**	**8.8**	**8.8**	**8.8**	**12.4**	**10.8**	**9.6**	**9.2**
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	2.400	2.500	2.400	2.300	2.320	2.400	2.400	2.400	2.450	2.400	2.400	2.650
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.6**	**10.0**	**9.6**	**9.2**	**9.3**	**9.6**	**9.6**	**9.6**	**9.8**	**9.6**	**9.6**	**10.6**

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	5.0	15.0	11.0	36.0	8.0	141.0	18.0	45.0
Total opportunities	6.0	15.0	12.0	38.0	8.0	148.0	20.0	46.0
Indicator value	**94.5%**	**94.4%**	**93.2%**	**94.2%**	**95.6%**	**95.3%**	**94.7%**	**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	49.0	52.0	53.0	54.0	55.0	58.0	62.0	67.0
Total Key personnel	51.0	53.0	53.0	54.0	56.0	58.0	62.0	67.0
Indicator value	**96.1%**	**98.1%**	**100.0%**	**100.0%**	**98.2%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	2121	2298	2133	2126	2129	2127	2134	2130
Total sirens-tests	2145	2310	2145	2145	2145	2145	2145	2145
Indicator value	**98.9%**	**99.1%**	**99.2%**	**99.2%**	**99.3%**	**99.2%**	**99.3%**	**99.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Physical Protection information not publicly available.

Limerick 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	0	1.0	0	0	0	0	1.0	0
Critical hours	2209.0	1722.6	2183.0	2208.0	2209.0	2184.0	2152.1	2208.0
Indicator value	**0.8**	**1.7**	**1.7**	**0.8**	**0.8**	**0**	**0.8**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	0	1.0	0	0	0	1.0
Critical hours	2209.0	1722.6	2183.0	2208.0	2209.0	2184.0	2152.1	2208.0
Indicator value	**0**	**0.8**	**0.8**	**1.7**	**1.7**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0.65	0	1.68	0	0.57	0.33	0	0.92
Unplanned unavailable hours	0	0	0	0	0	11.27	0	0
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	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.80	6.64	2.65	1.12	1.08	6.55	0	0
Unplanned unavailable hours	0	7.35	2.85	0	0	3.78	0	0
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	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0.80	0	0.82	0.62	0.87	0	9.13	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	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0.38	6.65	1.12	0.90	0	0	2.23	0
Unplanned unavailable hours	0	0	0	0	47.95	2.57	0	0
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	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	25.30	2.00	15.50	0.30	0	0	38.90	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	32.80	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1722.60	2183.00	2208.00	2209.00	2184.00	2152.13	2208.00
Indicator value	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.7%**	**0.7%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0.90	8.10	2.30	26.20	0.30	0	32.30	0.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1722.60	2183.00	2208.00	2209.00	2184.00	2152.13	2208.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	24.78	2.87	0	2.18	26.85	1.30	0	7.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.46	6.30	17.00	0	0	0	20.67	1.82
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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	1	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**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	0.000022	0.000021	0.000013	0.000015	0.000028	0.000020	0.000009	0.000013	0.000010	0.000009	0.000013	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**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	0.000010	0.000010	0.000010	0.000010	0.000009	0.000012	0.000013	0.000014	0.000063	0.000016	0.000014	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	2.000	2.200	2.200	2.200	2.200	3.100	2.700	2.400	2.300	2.400	2.500	2.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.8**	**8.8**	**8.8**	**8.8**	**12.4**	**10.8**	**9.6**	**9.2**	**9.6**	**10.0**	**9.6**

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	2.300	2.320	2.400	2.400	2.400	2.450	2.400	2.400	2.650	2.300	2.800	2.350
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.2**	**9.3**	**9.6**	**9.6**	**9.6**	**9.8**	**9.6**	**9.6**	**10.6**	**9.2**	**11.2**	**9.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	15.0	11.0	36.0	8.0	141.0	18.0	45.0	73.0
Total opportunities	15.0	12.0	38.0	8.0	148.0	20.0	46.0	74.0
Indicator value	**94.4%**	**93.2%**	**94.2%**	**95.6%**	**95.3%**	**94.7%**	**95.2%**	**96.1%**

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	52.0	53.0	54.0	55.0	58.0	62.0	67.0	66.0
Total Key personnel	53.0	53.0	54.0	56.0	58.0	62.0	67.0	67.0
Indicator value	**98.1%**	**100.0%**	**100.0%**	**98.2%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	2298	2133	2126	2129	2127	2134	2130	2140
Total sirens-tests	2310	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.1%**	**99.2%**	**99.2%**	**99.3%**	**99.2%**	**99.3%**	**99.3%**	**99.4%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: October 25, 2004

Limerick 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	1.0	0	0	0	0	1.0	0	0
Critical hours	1722.6	2183.0	2208.0	2209.0	2184.0	2152.1	2208.0	2209.0
Indicator value	**1.7**	**1.7**	**0.8**	**0.8**	**0**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	1.0	0	1.0	0	0	0	1.0	0
Critical hours	1722.6	2183.0	2208.0	2209.0	2184.0	2152.1	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**1.7**	**1.7**	**0.8**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0	1.68	0	0.57	0.33	0	0.92	0
Unplanned unavailable hours	0	0	0	0	11.27	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	6.64	2.65	1.12	1.08	6.55	0	0	0
Unplanned unavailable hours	7.35	2.85	0	0	3.78	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0.82	0.62	0.87	0	9.13	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	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	6.65	1.12	0.90	0	0	2.23	0	0
Unplanned unavailable hours	0	0	0	47.95	2.57	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1951.30	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	2.00	15.50	0.30	0	0	38.90	0.90	21.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	32.80	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1722.60	2183.00	2208.00	2209.00	2184.00	2152.13	2208.00	2209.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	8.10	2.30	26.20	0.30	0	32.30	0.30	2.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1722.60	2183.00	2208.00	2209.00	2184.00	2152.13	2208.00	2209.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	2.87	0	2.18	26.85	1.30	0	7.80	22.88
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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	6.30	17.00	0	0	0	20.67	1.82	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum activity	0.000015	0.000028	0.000020	0.000009	0.000013	0.000010	0.000009	0.000013	0.000012	0.000010	0.000010	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**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	0.000010	0.000009	0.000012	0.000013	0.000014	0.000063	0.000016	0.000014	0.000015	0.000042	0.000069	0.000131
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	2.200	2.200	3.100	2.700	2.400	2.300	2.400	2.500	2.400	2.300	2.320	2.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**8.8**	**12.4**	**10.8**	**9.6**	**9.2**	**9.6**	**10.0**	**9.6**	**9.2**	**9.3**	**9.6**
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	2.400	2.400	2.450	2.400	2.400	2.650	2.300	2.800	2.350	2.300	2.300	2.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.6**	**9.6**	**9.8**	**9.6**	**9.6**	**10.6**	**9.2**	**11.2**	**9.4**	**9.2**	**9.2**	**10.4**

Licensee Comments: none

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	11.0	36.0	8.0	141.0	18.0	45.0	73.0	103.0
Total opportunities	12.0	38.0	8.0	148.0	20.0	46.0	74.0	107.0
Indicator value	**93.2%**	**94.2%**	**95.6%**	**95.3%**	**94.7%**	**95.2%**	**96.1%**	**96.0%**

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	53.0	54.0	55.0	58.0	62.0	67.0	66.0	66.0
Total Key personnel	53.0	54.0	56.0	58.0	62.0	67.0	67.0	66.0
Indicator value	**100.0%**	**100.0%**	**98.2%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	2133	2126	2129	2127	2134	2130	2140	2140
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.2%**	**99.2%**	**99.3%**	**99.2%**	**99.3%**	**99.3%**	**99.4%**	**99.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: March 9, 2005

Limerick 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	1.0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2184.0	2152.1	2208.0	2209.0	1662.3
Indicator value	**1.7**	**0.8**	**0.8**	**0**	**0.8**	**0.8**	**0.8**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	1.0	0	0	0	1.0	0	1.0
Critical hours	2183.0	2208.0	2209.0	2184.0	2152.1	2208.0	2209.0	1662.3
Indicator value	**0.8**	**1.7**	**1.7**	**0.8**	**0.8**	**0.8**	**0.8**	**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	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	1.68	0	0.57	0.33	0	0.92	0	0
Unplanned unavailable hours	0	0	0	11.27	0	0	0	36.47
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	2.65	1.12	1.08	6.55	0	0	0	0
Unplanned unavailable hours	2.85	0	0	3.78	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0.82	0.62	0.87	0	9.13	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	1.12	0.90	0	0	2.23	0	0	0
Unplanned unavailable hours	0	0	47.95	2.57	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	15.50	0.30	0	0	38.90	0.90	21.40	0
Unplanned unavailable hours	0	0	0	0	0	0	0	3.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2152.13	2208.00	2209.00	1662.30
Indicator value	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	2.30	26.20	0.30	0	32.30	0.30	2.30	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2152.13	2208.00	2209.00	1662.30
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**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	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	0	2.18	26.85	1.30	0	7.80	22.88	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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	17.00	0	0	0	20.67	1.82	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	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**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	0.000009	0.000013	0.000010	0.000009	0.000013	0.000012	0.000010	0.000010	0.000010	0.000010	0.000009	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000013	0.000014	0.000063	0.000016	0.000014	0.000015	0.000042	0.000069	0.000131	0.000226	0.000270	0.000226
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	2.700	2.400	2.300	2.400	2.500	2.400	2.300	2.320	2.400	2.400	2.400	2.450
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**10.8**	**9.6**	**9.2**	**9.6**	**10.0**	**9.6**	**9.2**	**9.3**	**9.6**	**9.6**	**9.6**	**9.8**
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	2.400	2.400	2.650	2.300	2.800	2.350	2.300	2.300	2.600	2.300	2.300	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.6**	**9.6**	**10.6**	**9.2**	**11.2**	**9.4**	**9.2**	**9.2**	**10.4**	**9.2**	**9.2**	**6.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	36.0	8.0	141.0	18.0	45.0	73.0	103.0	12.0
Total opportunities	38.0	8.0	148.0	20.0	46.0	74.0	107.0	12.0
Indicator value	**94.2%**	**95.6%**	**95.3%**	**94.7%**	**95.2%**	**96.1%**	**96.0%**	**96.2%**

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	54.0	55.0	58.0	62.0	67.0	66.0	66.0	68.0
Total Key personnel	54.0	56.0	58.0	62.0	67.0	67.0	66.0	68.0
Indicator value	**100.0%**	**98.2%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	2126	2129	2127	2134	2130	2140	2140	2143
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.2%**	**99.3%**	**99.2%**	**99.3%**	**99.3%**	**99.4%**	**99.6%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: June 17, 2005

Limerick 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	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2184.0	2152.1	2208.0	2209.0	1662.3	2183.0
Indicator value	**0.8**	**0.8**	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	1.0	0	0	0	1.0	0	1.0	0
Critical hours	2208.0	2209.0	2184.0	2152.1	2208.0	2209.0	1662.3	2183.0
Indicator value	**1.7**	**1.7**	**0.8**	**0.8**	**0.8**	**0.8**	**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	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0	0.57	0.33	0	0.92	0	0	6.75
Unplanned unavailable hours	0	0	11.27	0	0	0	36.47	5.23
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	1.12	1.08	6.55	0	0	0	0	0.94
Unplanned unavailable hours	0	0	3.78	0	0	0	0	48.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	0.62	0.87	0	9.13	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	0.90	0	0	2.23	0	0	0	0.60
Unplanned unavailable hours	0	47.95	2.57	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments:

1Q/05: EDG train 2A (D21), 334.56 hours of T/2 fault exposure hours (89.3 hrs - January / 245.26 hrs - February).

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0.30	0	0	38.90	0.90	21.40	0	4.10
Unplanned unavailable hours	0	0	0	0	0	0	3.90	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2152.13	2208.00	2209.00	1662.30	2183.00
Indicator value	**0.7%**	**0.6%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	26.20	0.30	0	32.30	0.30	2.30	0.90	1.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2152.13	2208.00	2209.00	1662.30	2183.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	2.18	26.85	1.30	0	7.80	22.88	0	3.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	0	0	20.67	1.82	0	0	31.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments:

2Q/05: LER 2-05-002

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	0.000009	0.000013	0.000012	0.000010	0.000010	0.000010	0.000010	0.000009	0.000012	0.000013	0.000014	0.000063
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000016	0.000014	0.000015	0.000042	0.000069	0.000131	0.000226	0.000270	0.000226	0.000155	0.000161	0.000160
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**
Maximum leakage	2.400	2.500	2.400	2.300	2.320	2.400	2.400	2.400	2.450	2.400	2.400	2.650
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.6**	**10.0**	**9.6**	**9.2**	**9.3**	**9.6**	**9.6**	**9.6**	**9.8**	**9.6**	**9.6**	**10.6**
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	2.300	2.800	2.350	2.300	2.300	2.600	2.300	2.300	1.500	1.450	1.500	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.2**	**11.2**	**9.4**	**9.2**	**9.2**	**10.4**	**9.2**	**9.2**	**6.0**	**5.8**	**6.0**	**6.0**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	8.0	141.0	18.0	45.0	73.0	103.0	12.0	41.0
Total opportunities	8.0	148.0	20.0	46.0	74.0	107.0	12.0	41.0
Indicator value	**95.6%**	**95.3%**	**94.7%**	**95.2%**	**96.1%**	**96.0%**	**96.2%**	**96.7%**

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	55.0	58.0	62.0	67.0	66.0	66.0	68.0	70.0
Total Key personnel	56.0	58.0	62.0	67.0	67.0	66.0	68.0	70.0
Indicator value	**98.2%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	2129	2127	2134	2130	2140	2140	2143	2138
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.3%**	**99.2%**	**99.3%**	**99.3%**	**99.4%**	**99.6%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: August 3, 2005

Limerick 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	1.0	0	0	0	0	0
Critical hours	2209.0	2184.0	2152.1	2208.0	2209.0	1662.3	2183.0	2208.0
Indicator value	**0.8**	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	0	1.0	0	1.0
Critical hours	2209.0	2184.0	2152.1	2208.0	2209.0	1662.3	2183.0	2208.0
Indicator value	**1.7**	**0.8**	**0.8**	**0.8**	**0.8**	**1.7**	**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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0.57	0.33	0	0.92	0	0	6.75	0
Unplanned unavailable hours	0	11.27	0	0	0	36.47	5.23	0
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	1.08	6.55	0	0	0	0	0.94	0.65
Unplanned unavailable hours	0	3.78	0	0	0	0	48.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0.87	0	9.13	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0	0	2.23	0	0	0	0.60	0
Unplanned unavailable hours	47.95	2.57	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0	0	38.90	0.90	21.40	0	4.10	7.40
Unplanned unavailable hours	0	0	0	0	0	3.90	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2152.13	2208.00	2209.00	1662.30	2183.00	2208.00
Indicator value	**0.6%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0.30	0	32.30	0.30	2.30	0.90	1.20	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	2152.13	2208.00	2209.00	1662.30	2183.00	2208.00
Indicator value	**0.6%**	**0.6%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.3%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	26.85	1.30	0	7.80	22.88	0	3.60	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	20.67	1.82	0	0	31.80	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**
Maximum activity	0.000010	0.000010	0.000010	0.000010	0.000009	0.000012	0.000013	0.000014	0.000063	0.000016	0.000014	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000042	0.000069	0.000131	0.000226	0.000270	0.000226	0.000155	0.000161	0.000160	0.000155	0.000156	0.000149
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**
Maximum leakage	2.300	2.320	2.400	2.400	2.400	2.450	2.400	2.400	2.650	2.300	2.800	2.350
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.2**	**9.3**	**9.6**	**9.6**	**9.6**	**9.8**	**9.6**	**9.6**	**10.6**	**9.2**	**11.2**	**9.4**
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	2.300	2.300	2.600	2.300	2.300	1.500	1.450	1.500	1.500	1.600	1.500	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.2**	**9.2**	**10.4**	**9.2**	**9.2**	**6.0**	**5.8**	**6.0**	**6.0**	**6.4**	**6.0**	**5.6**

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	141.0	18.0	45.0	73.0	103.0	12.0	41.0	32.0
Total opportunities	148.0	20.0	46.0	74.0	107.0	12.0	41.0	32.0
Indicator value	**95.3%**	**94.7%**	**95.2%**	**96.1%**	**96.0%**	**96.2%**	**96.7%**	**96.9%**

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	58.0	62.0	67.0	66.0	66.0	68.0	70.0	64.0
Total Key personnel	58.0	62.0	67.0	67.0	66.0	68.0	70.0	64.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	2127	2134	2130	2140	2140	2143	2138	2133
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.2%**	**99.3%**	**99.3%**	**99.4%**	**99.6%**	**99.7%**	**99.8%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: November 3, 2005

Limerick 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	1.0	0	0	0	0	0	1.0
Critical hours	2184.0	2152.1	2208.0	2209.0	1662.3	2183.0	2208.0	2140.6
Indicator value	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	0	0	1.0	0	1.0	0	1.0	0
Critical hours	2184.0	2152.1	2208.0	2209.0	1662.3	2183.0	2208.0	2140.6
Indicator value	**0.8**	**0.8**	**0.8**	**0.8**	**1.7**	**1.7**	**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	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0.33	0	0.92	0	0	6.75	0	0.57
Unplanned unavailable hours	11.27	0	0	0	36.47	5.23	0	0
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	6.55	0	0	0	0	0.94	0.65	0.57
Unplanned unavailable hours	3.78	0	0	0	0	48.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	9.13	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	0	2.23	0	0	0	0.60	0	0.55
Unplanned unavailable hours	2.57	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	38.90	0.90	21.40	0	4.10	7.40	0
Unplanned unavailable hours	0	0	0	0	3.90	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2152.13	2208.00	2209.00	1662.30	2183.00	2208.00	2140.55
Indicator value	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.5%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	32.30	0.30	2.30	0.90	1.20	21.90	1.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2152.13	2208.00	2209.00	1662.30	2183.00	2208.00	2140.55
Indicator value	**0.6%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.3%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	1.30	0	7.80	22.88	0	3.60	0	35.90
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	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	20.67	1.82	0	0	31.80	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

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	0.000010	0.000009	0.000012	0.000013	0.000014	0.000063	0.000016	0.000014	0.000015	0.000042	0.000069	0.000131
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**

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	0.000226	0.000270	0.000226	0.000155	0.000161	0.000160	0.000155	0.000156	0.000149	0.000142	0.000128	0.000122
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum leakage	2.400	2.400	2.450	2.400	2.400	2.650	2.300	2.800	2.350	2.300	2.300	2.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.6**	**9.6**	**9.8**	**9.6**	**9.6**	**10.6**	**9.2**	**11.2**	**9.4**	**9.2**	**9.2**	**10.4**
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	2.300	2.300	1.500	1.450	1.500	1.500	1.600	1.500	1.400	1.500	1.500	1.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.2**	**9.2**	**6.0**	**5.8**	**6.0**	**6.0**	**6.4**	**6.0**	**5.6**	**6.0**	**6.0**	**6.4**

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	18.0	45.0	73.0	103.0	12.0	41.0	32.0	20.0
Total opportunities	20.0	46.0	74.0	107.0	12.0	41.0	32.0	22.0
Indicator value	**94.7%**	**95.2%**	**96.1%**	**96.0%**	**96.2%**	**96.7%**	**96.9%**	**97.2%**

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	62.0	67.0	66.0	66.0	68.0	70.0	64.0	66.0
Total Key personnel	62.0	67.0	67.0	66.0	68.0	70.0	64.0	66.0
Indicator value	**100.0%**	**100.0%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	2134	2130	2140	2140	2143	2138	2133	2140
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.3%**	**99.3%**	**99.4%**	**99.6%**	**99.7%**	**99.8%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: January 30, 2006

Limerick 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	1.0	0	0	0	0	0	1.0	0
Critical hours	2152.1	2208.0	2209.0	1662.3	2183.0	2208.0	2140.6	2123.5
Indicator value	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**	**0.9**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	1.0	0	1.0	0	1.0	0	0
Critical hours	2152.1	2208.0	2209.0	1662.3	2183.0	2208.0	2140.6	2123.5
Indicator value	**0.8**	**0.8**	**0.8**	**1.7**	**1.7**	**1.7**	**1.7**	**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	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	0.92	0	0	6.75	0	0.57	0.40
Unplanned unavailable hours	0	0	0	36.47	5.23	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	0	0	0	0.94	0.65	0.57	32.22
Unplanned unavailable hours	0	0	0	0	48.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	9.13	0	0	0	0	0	0	0.32
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	2.23	0	0	0	0.60	0	0.55	32.22
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**

Licensee Comments: none

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	38.90	0.90	21.40	0	4.10	7.40	0	0.30
Unplanned unavailable hours	0	0	0	3.90	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2152.13	2208.00	2209.00	1662.30	2183.00	2208.00	2140.55	2123.53
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.5%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	32.30	0.30	2.30	0.90	1.20	21.90	1.10	0.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2152.13	2208.00	2209.00	1662.30	2183.00	2208.00	2140.55	2123.53
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.3%**	**0.4%**	**0.4%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	7.80	22.88	0	3.60	0	35.90	1.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	20.67	1.82	0	0	31.80	0	0	32.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum activity	0.000013	0.000014	0.000063	0.000016	0.000014	0.000015	0.000042	0.000069	0.000131	0.000226	0.000270	0.000226
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**
Reactor Coolant System Activity	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum activity	0.000155	0.000161	0.000160	0.000155	0.000156	0.000149	0.000142	0.000128	0.000122	0.000105	0.000108	0.000132
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	2.400	2.400	2.650	2.300	2.800	2.350	2.300	2.300	2.600	2.300	2.300	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.6**	**9.6**	**10.6**	**9.2**	**11.2**	**9.4**	**9.2**	**9.2**	**10.4**	**9.2**	**9.2**	**6.0**
Reactor Coolant System Leakage	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum leakage	1.450	1.500	1.500	1.600	1.500	1.400	1.500	1.500	1.600	1.900	2.050	1.800
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.8**	**6.0**	**6.0**	**6.4**	**6.0**	**5.6**	**6.0**	**6.0**	**6.4**	**7.6**	**8.2**	**7.2**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	45.0	73.0	103.0	12.0	41.0	32.0	20.0	16.0
Total opportunities	46.0	74.0	107.0	12.0	41.0	32.0	22.0	16.0
Indicator value	**95.2%**	**96.1%**	**96.0%**	**96.2%**	**96.7%**	**96.9%**	**97.2%**	**97.7%**

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	67.0	66.0	66.0	68.0	70.0	64.0	66.0	67.0
Total Key personnel	67.0	67.0	66.0	68.0	70.0	64.0	66.0	67.0
Indicator value	**100.0%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	2130	2140	2140	2143	2138	2133	2140	2138
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.3%**	**99.4%**	**99.6%**	**99.7%**	**99.8%**	**99.7%**	**99.7%**	**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	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: May 5, 2006

Limerick 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	1.0	0	0
Critical hours	2208.0	2209.0	1662.3	2183.0	2208.0	2140.6	2123.5	2183.0
Indicator value	**0.8**	**0.8**	**0.9**	**0**	**0**	**0.9**	**0.8**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	1.0	0	1.0	0	1.0	0	0	0
Critical hours	2208.0	2209.0	1662.3	2183.0	2208.0	2140.6	2123.5	2183.0
Indicator value	**0.8**	**0.8**	**1.7**	**1.7**	**1.7**	**1.7**	**0.8**	**0.8**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								8.30E-09
URI (ΔCDF)								-3.00E-07
PLE								NO
Indicator value								**-2.92E-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-4.30E-08
URI (ΔCDF)								-5.20E-08
PLE								NO
Indicator value								**-9.50E-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)								-2.90E-08
URI (ΔCDF)								-4.70E-08
PLE								NO
Indicator value								**-7.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.60E-08
URI (ΔCDF)								7.00E-08
PLE								NO
Indicator value								**8.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								2.50E-09
URI (ΔCDF)								-3.20E-09
PLE								NO
Indicator value								**-7.00E-10**

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	0.000016	0.000014	0.000015	0.000042	0.000069	0.000131	0.000226	0.000270	0.000226	0.000155	0.000161	0.000160
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Reactor Coolant System Activity	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum activity	0.000155	0.000156	0.000149	0.000142	0.000128	0.000122	0.000105	0.000108	0.000132	0.000140	0.000200	0.000187
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	2.300	2.800	2.350	2.300	2.300	2.600	2.300	2.300	1.500	1.450	1.500	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.2**	**11.2**	**9.4**	**9.2**	**9.2**	**10.4**	**9.2**	**9.2**	**6.0**	**5.8**	**6.0**	**6.0**
Reactor Coolant System Leakage	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum leakage	1.600	1.500	1.400	1.500	1.500	1.600	1.900	2.050	1.800	1.500	1.600	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.0**	**5.6**	**6.0**	**6.0**	**6.4**	**7.6**	**8.2**	**7.2**	**6.0**	**6.4**	**6.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	73.0	103.0	12.0	41.0	32.0	20.0	16.0	54.0
Total opportunities	74.0	107.0	12.0	41.0	32.0	22.0	16.0	55.0
Indicator value	**96.1%**	**96.0%**	**96.2%**	**96.7%**	**96.9%**	**97.2%**	**97.7%**	**97.8%**

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	66.0	66.0	68.0	70.0	64.0	66.0	67.0	69.0
Total Key personnel	67.0	66.0	68.0	70.0	64.0	66.0	67.0	69.0
Indicator value	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	2140	2140	2143	2138	2133	2140	2138	2139
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.4%**	**99.6%**	**99.7%**	**99.8%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: August 2, 2006

Limerick 2

3Q/2006 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0
Critical hours	2209.0	1662.3	2183.0	2208.0	2140.6	2123.5	2183.0	2208.0
Indicator value	**0.8**	**0.9**	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1662.3	2183.0	2208.0	2140.6	2123.5	2183.0	2208.0
Indicator value	**0.8**	**1.7**	**1.7**	**1.7**	**1.7**	**0.8**	**0.8**	**0**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							8.30E-09	8.20E-09
URI (ΔCDF)							-3.00E-07	-3.00E-07
PLE							NO	NO
Indicator value							**-2.92E-07**	**-2.92E-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/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							-4.30E-08	-4.30E-08
URI (ΔCDF)							-5.20E-08	-5.20E-08
PLE							NO	NO
Indicator value							**-9.50E-08**	**-9.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-2.90E-08	-3.70E-09
URI (ΔCDF)							-4.70E-08	-4.70E-08
PLE							NO	NO
Indicator value							**-7.60E-08**	**-5.07E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							1.60E-08	1.60E-08
URI (ΔCDF)							7.00E-08	7.10E-08
PLE							NO	NO
Indicator value							**8.60E-08**	**8.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.50E-09	3.60E-09
URI (ΔCDF)							-3.20E-09	-3.30E-09
PLE							NO	NO
Indicator value							**-7.00E-10**	**3.00E-10**

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	0.000042	0.000069	0.000131	0.000226	0.000270	0.000226	0.000155	0.000161	0.000160	0.000155	0.000156	0.000149
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Reactor Coolant System Activity	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum activity	0.000142	0.000128	0.000122	0.000105	0.000108	0.000132	0.000140	0.000200	0.000187	0.000128	0.000140	0.000123
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	2.300	2.300	2.600	2.300	2.300	1.500	1.450	1.500	1.500	1.600	1.500	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.2**	**9.2**	**10.4**	**9.2**	**9.2**	**6.0**	**5.8**	**6.0**	**6.0**	**6.4**	**6.0**	**5.6**
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	1.500	1.500	1.600	1.900	2.050	1.800	1.500	1.600	1.500	1.500	1.500	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.0**	**6.4**	**7.6**	**8.2**	**7.2**	**6.0**	**6.4**	**6.0**	**6.0**	**6.0**	**5.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	103.0	12.0	41.0	32.0	20.0	16.0	54.0	36.0
Total opportunities	107.0	12.0	41.0	32.0	22.0	16.0	55.0	36.0
Indicator value	**96.0%**	**96.2%**	**96.7%**	**96.9%**	**97.2%**	**97.7%**	**97.8%**	**97.8%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	66.0	68.0	70.0	64.0	66.0	67.0	69.0	69.0
Total Key personnel	66.0	68.0	70.0	64.0	66.0	67.0	69.0	69.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	2140	2143	2138	2133	2140	2138	2138	2140
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.6%**	**99.7%**	**99.8%**	**99.7%**	**99.7%**	**99.6%**	**99.6%**	**99.7%**

Licensee Comments:

2Q/06: During a self assessment, it was identified that one siren, previously reported as successfully tested during the May 29, 2006 silent test, actually failed the test. The May 2006 data was changed from 822 successful sirens out of 825 sirens tested to 821 successful sirens out of 825 sirens tested. This did not result in a color change to the indicator.

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: November 6, 2006

Limerick 2

4Q/2006 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0	0
Critical hours	1662.3	2183.0	2208.0	2140.6	2123.5	2183.0	2208.0	2209.0
Indicator value	**0.9**	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.8**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	1662.3	2183.0	2208.0	2140.6	2123.5	2183.0	2208.0	2209.0
Indicator value	**1.7**	**1.7**	**1.7**	**1.7**	**0.8**	**0.8**	**0**	**0**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments:

4Q/06: LER 1-06-004, Both offsite Circuits Inoperable, was submitted on 11/6/2006 pursuit to the requirements of 10CFR50.73(a)(2)(v)(d) and 10CFR50.73(a)(2)(i)(B). LER 2-06-001, U2 HPCI Speed Control Failure, was submitted on 12/13/2006 pursuit to the requirements of 10CFR50.73(a)(2)(v)(d).

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						8.30E-09	8.20E-09	5.00E-09
URI (ΔCDF)						-3.00E-07	-3.00E-07	-3.00E-07
PLE						NO	NO	NO
Indicator value						**-2.92E-07**	**-2.92E-07**	**-2.95E-07**

Licensee Comments:

3Q/06: 0.22 hrs and 0.08 hrs = 0.30 hrs total subtracted from D12 U1 and U2. Durations of less than 15 minutes do not need to be counted.

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)						-4.30E-08	-4.30E-08	-1.00E-08
URI (ΔCDF)						-5.20E-08	-5.20E-08	2.20E-07
PLE						NO	NO	NO
Indicator value						**-9.50E-08**	**-9.50E-08**	**2.10E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						-2.90E-08	-3.70E-09	-3.00E-09
URI (ΔCDF)						-4.70E-08	-4.70E-08	-4.70E-08
PLE						NO	NO	NO
Indicator value						**-7.60E-08**	**-5.07E-08**	**-5.00E-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/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						1.60E-08	1.60E-08	1.70E-08
URI (ΔCDF)						7.00E-08	7.10E-08	7.00E-08
PLE						NO	NO	NO
Indicator value						**8.60E-08**	**8.70E-08**	**8.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						2.50E-09	3.60E-09	3.70E-09
URI (ΔCDF)						-3.20E-09	-3.30E-09	-3.20E-09
PLE						NO	NO	NO
Indicator value						**-7.00E-10**	**3.00E-10**	**5.00E-10**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**
Maximum activity	0.000226	0.000270	0.000226	0.000155	0.000161	0.000160	0.000155	0.000156	0.000149	0.000142	0.000128	0.000122
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
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	0.000105	0.000108	0.000132	0.000140	0.000200	0.000187	0.000128	0.000140	0.000123	0.000123	0.000081	0.000076
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**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	2.300	2.300	1.500	1.450	1.500	1.500	1.600	1.500	1.400	1.500	1.500	1.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.2**	**9.2**	**6.0**	**5.8**	**6.0**	**6.0**	**6.4**	**6.0**	**5.6**	**6.0**	**6.0**	**6.4**
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	1.900	2.050	1.800	1.500	1.600	1.500	1.500	1.500	1.400	1.500	1.600	1.700
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.6**	**8.2**	**7.2**	**6.0**	**6.4**	**6.0**	**6.0**	**6.0**	**5.6**	**6.0**	**6.4**	**6.8**

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	12.0	41.0	32.0	20.0	16.0	54.0	36.0	58.0
Total opportunities	12.0	41.0	32.0	22.0	16.0	55.0	36.0	58.0
Indicator value	**96.2%**	**96.7%**	**96.9%**	**97.2%**	**97.7%**	**97.8%**	**97.8%**	**98.9%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	68.0	70.0	64.0	66.0	67.0	69.0	69.0	69.0
Total Key personnel	68.0	70.0	64.0	66.0	67.0	69.0	69.0	69.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	2143	2138	2133	2140	2138	2138	2140	2143
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.7%**	**99.8%**	**99.7%**	**99.7%**	**99.6%**	**99.6%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: February 7, 2007

Limerick 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	1.0	0	0	0	0	0
Critical hours	2183.0	2208.0	2140.6	2123.5	2183.0	2208.0	2209.0	1661.0
Indicator value	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.8**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2140.6	2123.5	2183.0	2208.0	2209.0	1661.0
Indicator value	**1.7**	**1.7**	**1.7**	**0.8**	**0.8**	**0**	**0**	**0**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					8.30E-09	8.20E-09	5.00E-09	4.80E-09
URI (ΔCDF)					-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07
PLE					NO	NO	NO	NO
Indicator value					**-2.92E-07**	**-2.92E-07**	**-2.95E-07**	**-2.95E-07**

Licensee Comments:

1Q/07: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

4Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

3Q/06: Changed PRA Parameter(s). 0.22 hrs and 0.08 hrs = 0.30 hrs total subtracted from D12 U1 and U2. Durations of less than 15 minutes do not need to be counted. 4/23/07-Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

2Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

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)					-4.30E-08	-4.30E-08	-1.00E-08	-9.40E-09
URI (ΔCDF)					-5.20E-08	-5.20E-08	2.20E-07	2.20E-07
PLE					NO	NO	NO	NO
Indicator value					**-9.50E-08**	**-9.50E-08**	**2.10E-07**	**2.11E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-2.90E-08	-3.70E-09	-3.00E-09	1.00E-09
URI (ΔCDF)					-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08
PLE					NO	NO	NO	NO
Indicator value					**-7.60E-08**	**-5.07E-08**	**-5.00E-08**	**-4.60E-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/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-1.20E-08	-1.30E-08	-7.60E-09	-6.90E-09
URI (ΔCDF)					7.00E-08	7.10E-08	7.00E-08	6.50E-08
PLE					NO	NO	NO	NO
Indicator value					**5.80E-08**	**5.80E-08**	**6.24E-08**	**5.81E-08**

Licensee Comments:

1Q/07: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

4Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

3Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

2Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

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)					2.00E-09	2.80E-09	2.80E-09	2.90E-09
URI (ΔCDF)					-3.20E-09	-3.30E-09	-3.20E-09	-3.20E-09
PLE					NO	NO	NO	NO
Indicator value					**-1.20E-09**	**-5.00E-10**	**-4.00E-10**	**-3.00E-10**

Licensee Comments:

1Q/07: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

4Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

3Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

2Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

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	0.000155	0.000161	0.000160	0.000155	0.000156	0.000149	0.000142	0.000128	0.000122	0.000105	0.000108	0.000132
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
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	0.000140	0.000200	0.000187	0.000128	0.000140	0.000123	0.000123	0.000081	0.000076	0.000073	0.000081	0.000069
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**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	1.450	1.500	1.500	1.600	1.500	1.400	1.500	1.500	1.600	1.900	2.050	1.800
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.8**	**6.0**	**6.0**	**6.4**	**6.0**	**5.6**	**6.0**	**6.0**	**6.4**	**7.6**	**8.2**	**7.2**
Reactor Coolant System Leakage	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**
Maximum leakage	1.500	1.600	1.500	1.500	1.500	1.400	1.500	1.600	1.700	1.700	1.900	1.900
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.4**	**6.0**	**6.0**	**6.0**	**5.6**	**6.0**	**6.4**	**6.8**	**6.8**	**7.6**	**7.6**

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	41.0	32.0	20.0	16.0	54.0	36.0	58.0	10.0
Total opportunities	41.0	32.0	22.0	16.0	55.0	36.0	58.0	10.0
Indicator value	**96.7%**	**96.9%**	**97.2%**	**97.7%**	**97.8%**	**97.8%**	**98.9%**	**98.9%**

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	70.0	64.0	66.0	67.0	69.0	69.0	69.0	72.0
Total Key personnel	70.0	64.0	66.0	67.0	69.0	69.0	69.0	72.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	2138	2133	2140	2138	2138	2140	2143	2140
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.6%**	**99.6%**	**99.7%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: June 1, 2007

Limerick 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	1.0	0	0	0	0	0	1.0
Critical hours	2208.0	2140.6	2123.5	2183.0	2208.0	2209.0	1661.0	2044.8
Indicator value	**0**	**0.9**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	1.0	0	0	0	0	0	0	1.0
Critical hours	2208.0	2140.6	2123.5	2183.0	2208.0	2209.0	1661.0	2044.8
Indicator value	**1.7**	**1.7**	**0.8**	**0.8**	**0**	**0**	**0**	**0.9**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	2	0	2
Indicator value	**1**	**1**	**1**	**0**	**0**	**2**	**2**	**4**

Licensee Comments:

2Q/07: LER 2-07-001, Scram Discharge Volume Vent and Drain Valves Failed Open due to Clearance Planning Error, was submitted on 5/9/2007 pursuit to the requirements of 10CFR50.73(a)(2)(v)(C) and 10CFR50.73(a)(2)(vii)(C). LER 2-07-003, Automatic Actuation of the Reactor Protection System at Power, was submitted on June 22, 2007 pursuit to the requirements of 10CFR50.73(a)(2)(iv)(A,)10CFR50.73(a)(2)(v)(D) and 10CFR50.73(a)(2)(i)(B).

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				8.30E-09	8.20E-09	5.00E-09	4.80E-09	-3.40E-09
URI (ΔCDF)				-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-2.92E-07**	**-2.92E-07**	**-2.95E-07**	**-2.95E-07**	**-3.03E-07**

Licensee Comments:

1Q/07: Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. Discussions of the issue with the Limerick SRI and NRC Region 1 personnel resulted in no FAQ required and that the data should remain as submitted with no further action.

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)				-4.30E-08	-4.30E-08	-1.00E-08	-9.40E-09	7.90E-09
URI (ΔCDF)				-5.20E-08	-5.20E-08	2.20E-07	2.20E-07	7.40E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-9.50E-08**	**-9.50E-08**	**2.10E-07**	**2.11E-07**	**7.48E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-2.90E-08	-3.70E-09	-3.00E-09	1.00E-09	1.90E-08
URI (ΔCDF)				-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	2.00E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-7.60E-08**	**-5.07E-08**	**-5.00E-08**	**-4.60E-08**	**2.19E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-1.20E-08	-1.30E-08	-7.60E-09	-6.90E-09	-1.10E-08
URI (ΔCDF)				7.00E-08	7.10E-08	7.00E-08	6.50E-08	6.20E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**5.80E-08**	**5.80E-08**	**6.24E-08**	**5.81E-08**	**5.10E-08**

Licensee Comments:

1Q/07: Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. Discussions of the issue with the Limerick SRI and NRC Region 1 personnel resulted in no FAQ required and that the data should remain as submitted with no further action.

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)				2.00E-09	2.80E-09	2.80E-09	2.90E-09	2.70E-09
URI (ΔCDF)				-3.20E-09	-3.30E-09	-3.20E-09	-3.20E-09	-3.10E-09
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.20E-09**	**-5.00E-10**	**-4.00E-10**	**-3.00E-10**	**-4.00E-10**

Licensee Comments:

1Q/07: Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. Discussions of the issue with the Limerick SRI and NRC Region 1 personnel resulted in no FAQ required and that the data should remain as submitted with no further action.

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	0.000155	0.000156	0.000149	0.000142	0.000128	0.000122	0.000105	0.000108	0.000132	0.000140	0.000200	0.000187
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
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	0.000128	0.000140	0.000123	0.000123	0.000081	0.000076	0.000073	0.000081	0.000069	0.000035	0.000039	0.000032
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**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	1.600	1.500	1.400	1.500	1.500	1.600	1.900	2.050	1.800	1.500	1.600	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.0**	**5.6**	**6.0**	**6.0**	**6.4**	**7.6**	**8.2**	**7.2**	**6.0**	**6.4**	**6.0**
Reactor Coolant System Leakage	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**
Maximum leakage	1.500	1.500	1.400	1.500	1.600	1.700	1.700	1.900	1.900	4.700	1.400	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.0**	**5.6**	**6.0**	**6.4**	**6.8**	**6.8**	**7.6**	**7.6**	**18.8**	**5.6**	**5.6**

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	32.0	20.0	16.0	54.0	36.0	58.0	10.0	71.0
Total opportunities	32.0	22.0	16.0	55.0	36.0	58.0	10.0	72.0
Indicator value	**96.9%**	**97.2%**	**97.7%**	**97.8%**	**97.8%**	**98.9%**	**98.9%**	**98.7%**

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	64.0	66.0	67.0	69.0	69.0	69.0	72.0	69.0
Total Key personnel	64.0	66.0	67.0	69.0	69.0	69.0	72.0	69.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	2133	2140	2138	2138	2140	2143	2140	2139
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.7%**	**99.7%**	**99.6%**	**99.6%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: August 6, 2007

Limerick 2

3Q/2007 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0	0	0	1.0	0
Critical hours	2140.6	2123.5	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0
Indicator value	**0.9**	**0.8**	**0.8**	**0.8**	**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	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	1.0	1.0
Critical hours	2140.6	2123.5	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0
Indicator value	**1.7**	**0.8**	**0.8**	**0**	**0**	**0**	**0.9**	**1.7**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			8.30E-09	8.20E-09	5.00E-09	4.80E-09	-3.40E-09	3.10E-09
URI (ΔCDF)			-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-2.60E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-2.92E-07**	**-2.92E-07**	**-2.95E-07**	**-2.95E-07**	**-3.03E-07**	**-2.57E-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/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-4.30E-08	-4.30E-08	-1.00E-08	-9.40E-09	7.90E-09	1.70E-08
URI (ΔCDF)			-5.20E-08	-5.20E-08	2.20E-07	2.20E-07	7.40E-07	7.40E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-9.50E-08**	**-9.50E-08**	**2.10E-07**	**2.11E-07**	**7.48E-07**	**7.57E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-2.90E-08	-3.70E-09	-3.00E-09	1.00E-09	1.90E-08	2.00E-08
URI (ΔCDF)			-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	2.00E-07	2.00E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-7.60E-08**	**-5.07E-08**	**-5.00E-08**	**-4.60E-08**	**2.19E-07**	**2.20E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-1.20E-08	-1.30E-08	-7.60E-09	-6.90E-09	-1.10E-08	-9.90E-09
URI (ΔCDF)			7.00E-08	7.10E-08	7.00E-08	6.50E-08	6.20E-08	5.80E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**5.80E-08**	**5.80E-08**	**6.24E-08**	**5.81E-08**	**5.10E-08**	**4.81E-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/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			2.00E-09	2.80E-09	2.80E-09	2.90E-09	2.70E-09	2.80E-09
URI (ΔCDF)			-3.20E-09	-3.30E-09	-3.20E-09	-3.20E-09	-3.10E-09	-3.10E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.20E-09**	**-5.00E-10**	**-4.00E-10**	**-3.00E-10**	**-4.00E-10**	**-3.00E-10**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum activity	0.000142	0.000128	0.000122	0.000105	0.000108	0.000132	0.000140	0.000200	0.000187	0.000128	0.000140	0.000123
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
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	0.000123	0.000081	0.000076	0.000073	0.000081	0.000069	0.000035	0.000039	0.000032	0.000031	0.000029	0.000165
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	1.500	1.500	1.600	1.900	2.050	1.800	1.500	1.600	1.500	1.500	1.500	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.0**	**6.4**	**7.6**	**8.2**	**7.2**	**6.0**	**6.4**	**6.0**	**6.0**	**6.0**	**5.6**
Reactor Coolant System Leakage	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum leakage	1.500	1.600	1.700	1.700	1.900	1.900	4.700	1.400	1.400	1.400	1.450	1.550
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.4**	**6.8**	**6.8**	**7.6**	**7.6**	**18.8**	**5.6**	**5.6**	**5.6**	**5.8**	**6.2**

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	20.0	16.0	54.0	36.0	58.0	10.0	71.0	37.0
Total opportunities	22.0	16.0	55.0	36.0	58.0	10.0	72.0	38.0
Indicator value	**97.2%**	**97.7%**	**97.8%**	**97.8%**	**98.9%**	**98.9%**	**98.7%**	**98.4%**

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	66.0	67.0	69.0	69.0	69.0	72.0	69.0	68.0
Total Key personnel	66.0	67.0	69.0	69.0	69.0	72.0	69.0	68.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	2140	2138	2138	2140	2143	2140	2139	2143
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.7%**	**99.6%**	**99.6%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: December 7, 2007

Limerick 2

4Q/2007 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0
Critical hours	2123.5	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**0.8**	**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	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	2123.5	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**0**	**0**	**0**	**0.9**	**1.7**	**1.7**

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		8.30E-09	8.20E-09	5.00E-09	4.80E-09	-3.40E-09	3.10E-09	3.10E-09
URI (ΔCDF)		-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-2.60E-07	-2.60E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-2.92E-07**	**-2.92E-07**	**-2.95E-07**	**-2.95E-07**	**-3.03E-07**	**-2.57E-07**	**-2.57E-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)		-4.30E-08	-4.30E-08	-1.00E-08	-9.40E-09	7.90E-09	1.70E-08	1.70E-08
URI (ΔCDF)		-5.20E-08	-5.20E-08	2.20E-07	2.20E-07	7.40E-07	7.40E-07	7.40E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-9.50E-08**	**-9.50E-08**	**2.10E-07**	**2.11E-07**	**7.48E-07**	**7.57E-07**	**7.57E-07**

Licensee Comments:

2Q/06: 1-22-08- April 2007 data correction- HV-055-2F001 ESF Demands changed from "2" to "1" ESF demand HV-056-2F059 ESF Demands from "2" to "1 . No significant change in URI and no color change occurred.

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)		-2.90E-08	-3.70E-09	-3.00E-09	1.00E-09	1.90E-08	2.00E-08	1.90E-08
URI (ΔCDF)		-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	2.00E-07	2.00E-07	2.00E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-7.60E-08**	**-5.07E-08**	**-5.00E-08**	**-4.60E-08**	**2.19E-07**	**2.20E-07**	**2.19E-07**

Licensee Comments:

2Q/06: 1.22.08- April 2007 data correction- Unit 2 RCIC System- HV-049-2F013 ESF Demands changed from "2" to "1" ; HV-050-2F045 ESF Demands changed from "2" to "1" ; HV-050-2F046 ESF Demands changed from "2" to "1". No significant change in URI and no color occurred.

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		1.30E-08	1.30E-08	1.40E-08	1.40E-08	1.80E-08	2.00E-08	1.90E-08
URI (ΔCDF)		7.00E-08	7.10E-08	7.00E-08	6.50E-08	6.20E-08	5.80E-08	5.50E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**8.30E-08**	**8.40E-08**	**8.40E-08**	**7.90E-08**	**8.00E-08**	**7.80E-08**	**7.40E-08**

Licensee Comments:

4Q/07: 1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4

3Q/07: Changed PRA Parameter(s). 1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4

2Q/07: Changed PRA Parameter(s). 1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4

1Q/07: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. Discussions of the issue with the Limerick SRI and NRC Region 1 personnel resulted in no FAQ required and that the data should remain as submitted with no further action. 1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4.

4Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change....1/22/08- October 2006 2A RHR unavailability was incorrectly captured as a 2B RHR unavailability- These values were corrected with no color change, or significant change to MSPI UAI for RHR1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4

3Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change....1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4.

2Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change;...1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4. ...1/22/08-May 2007- corrected 2A RHR 26 hours of unavailability which was incorrectly recorded as 2 hours of unavailability

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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)		2.00E-09	2.80E-09	2.80E-09	2.90E-09	2.70E-09	2.80E-09	3.00E-09
URI (ΔCDF)		-3.20E-09	-3.30E-09	-3.20E-09	-3.20E-09	-3.10E-09	-3.10E-09	-3.10E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.20E-09**	**-5.00E-10**	**-4.00E-10**	**-3.00E-10**	**-4.00E-10**	**-3.00E-10**	**-1.00E-10**

Licensee Comments:

2Q/06: Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI

inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change...1/22/08- June 2007 ESW data corrected "B" ESW pump unavailability hours changed from 3.6 hours to 20 hours of unavailability. No significant change in UAI and no color change occurred.

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	0.000105	0.000108	0.000132	0.000140	0.000200	0.000187	0.000128	0.000140	0.000123	0.000123	0.000081	0.000076
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**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	0.000073	0.000081	0.000069	0.000035	0.000039	0.000032	0.000031	0.000029	0.000165	0.000032	0.000025	0.000022
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**
Maximum leakage	1.900	2.050	1.800	1.500	1.600	1.500	1.500	1.500	1.400	1.500	1.600	1.700
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.6**	**8.2**	**7.2**	**6.0**	**6.4**	**6.0**	**6.0**	**6.0**	**5.6**	**6.0**	**6.4**	**6.8**
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	1.700	1.900	1.900	4.700	1.400	1.400	1.400	1.450	1.550	1.500	1.500	1.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.8**	**7.6**	**7.6**	**18.8**	**5.6**	**5.6**	**5.6**	**5.8**	**6.2**	**6.0**	**6.0**	**6.4**

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	16.0	54.0	36.0	58.0	10.0	71.0	37.0	0
Total opportunities	16.0	55.0	36.0	58.0	10.0	72.0	38.0	0
Indicator value	**97.7%**	**97.8%**	**97.8%**	**98.9%**	**98.9%**	**98.7%**	**98.4%**	**98.9%**

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	67.0	69.0	69.0	69.0	72.0	69.0	68.0	69.0
Total Key personnel	67.0	69.0	69.0	69.0	72.0	69.0	68.0	69.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	2138	2138	2140	2143	2140	2139	2143	2305
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2310
Indicator value	**99.6%**	**99.6%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	1.0	0	0	1.0
Critical hours	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0	1970.8
Indicator value	**0.8**	**0.8**	**0**	**0**	**0.9**	**0.9**	**0.9**	**1.7**

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	1.0	1.0	0	1.0
Critical hours	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0	1970.8
Indicator value	**0.8**	**0**	**0**	**0**	**0.9**	**1.7**	**1.7**	**2.5**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	8.30E-09	8.20E-09	5.00E-09	4.80E-09	-3.40E-09	3.10E-09	3.10E-09	1.10E-08
URI (ΔCDF)	-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-2.60E-07	-2.60E-07	-2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.92E-07**	**-2.92E-07**	**-2.95E-07**	**-2.95E-07**	**-3.03E-07**	**-2.57E-07**	**-2.57E-07**	**-2.39E-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)	-4.30E-08	-4.30E-08	-1.00E-08	-9.40E-09	7.90E-09	1.70E-08	1.70E-08	1.40E-08
URI (ΔCDF)	-5.20E-08	-5.20E-08	2.20E-07	2.20E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.50E-08**	**-9.50E-08**	**2.10E-07**	**2.11E-07**	**7.48E-07**	**7.57E-07**	**7.57E-07**	**7.54E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-2.90E-08	-3.70E-09	-3.00E-09	1.00E-09	1.90E-08	2.00E-08	1.90E-08	1.80E-08
URI (ΔCDF)	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	2.00E-07	2.00E-07	2.00E-07	2.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.60E-08**	**-5.07E-08**	**-5.00E-08**	**-4.60E-08**	**2.19E-07**	**2.20E-07**	**2.19E-07**	**2.18E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	1.30E-08	1.30E-08	1.40E-08	1.40E-08	1.80E-08	2.00E-08	1.90E-08	1.90E-08
URI (ΔCDF)	7.00E-08	7.10E-08	7.00E-08	6.50E-08	6.20E-08	5.80E-08	5.50E-08	-2.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.30E-08**	**8.40E-08**	**8.40E-08**	**7.90E-08**	**8.00E-08**	**7.80E-08**	**7.40E-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	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	2.00E-09	2.80E-09	2.80E-09	2.90E-09	2.70E-09	2.80E-09	3.00E-09	9.30E-08
URI (ΔCDF)	-3.20E-09	-3.30E-09	-3.20E-09	-3.20E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-09**	**-5.00E-10**	**-4.00E-10**	**-3.00E-10**	**-4.00E-10**	**-3.00E-10**	**-1.00E-10**	**8.98E-08**

Licensee Comments:

3Q/07: 4/18/2008- July 2007- RHRSW "C" Pump - Planned unavailability hours changed from "37.10" to "39.58" hrs due to errors identified in clearance documentation. No color impact.

2Q/06: 4/18/2008- January 2006 data for RHRSW "C" Spray Network - Planned unavailability hours changed from "33.18" to "34.72" due to correction of errors in clearance documentation. No color impact....Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change...1/22/08- June 2007 ESW data corrected "B" ESW pump unavailability hours changed from 3.6 hours to 20 hours of unavailability. No significant change in UAI and no color change occurred.

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	0.000140	0.000200	0.000187	0.000128	0.000140	0.000123	0.000123	0.000081	0.000076	0.000073	0.000081	0.000069
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**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	0.000035	0.000039	0.000032	0.000031	0.000029	0.000165	0.000032	0.000025	0.000022	0.000036	0.000026	0.000027
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**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	1.500	1.600	1.500	1.500	1.500	1.400	1.500	1.600	1.700	1.700	1.900	1.900
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.4**	**6.0**	**6.0**	**6.0**	**5.6**	**6.0**	**6.4**	**6.8**	**6.8**	**7.6**	**7.6**
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	4.700	1.400	1.400	1.400	1.450	1.550	1.500	1.500	1.600	1.600	5.000	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**18.8**	**5.6**	**5.6**	**5.6**	**5.8**	**6.2**	**6.0**	**6.0**	**6.4**	**6.4**	**20.0**	**6.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	54.0	36.0	58.0	10.0	71.0	37.0	0	40.0
Total opportunities	55.0	36.0	58.0	10.0	72.0	38.0	0	40.0
Indicator value	**97.8%**	**97.8%**	**98.9%**	**98.9%**	**98.7%**	**98.4%**	**98.9%**	**99.0%**

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	69.0	69.0	69.0	72.0	69.0	68.0	69.0	67.0
Total Key personnel	69.0	69.0	69.0	72.0	69.0	68.0	69.0	67.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	2138	2140	2143	2140	2139	2143	2305	2142
Total sirens-tests	2145	2145	2145	2145	2145	2145	2310	2145
Indicator value	**99.6%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	1.0	0	0	1.0	0
Critical hours	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0	1970.8	2184.0
Indicator value	**0.8**	**0**	**0**	**0.9**	**0.9**	**0.9**	**1.7**	**0.8**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	1.0	1.0	0	1.0	0
Critical hours	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0	1970.8	2184.0
Indicator value	**0**	**0**	**0**	**0.9**	**1.7**	**1.7**	**2.5**	**1.6**

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	8.20E-09	5.00E-09	4.80E-09	-3.40E-09	3.10E-09	3.10E-09	1.10E-08	1.80E-09
URI (ΔCDF)	-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-2.60E-07	-2.60E-07	-2.50E-07	-2.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.92E-07**	**-2.95E-07**	**-2.95E-07**	**-3.03E-07**	**-2.57E-07**	**-2.57E-07**	**-2.39E-07**	**-2.38E-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)	-4.30E-08	-1.00E-08	-9.40E-09	7.90E-09	1.70E-08	1.70E-08	1.40E-08	1.40E-08
URI (ΔCDF)	-5.20E-08	2.20E-07	2.20E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.50E-08**	**2.10E-07**	**2.11E-07**	**7.48E-07**	**7.57E-07**	**7.57E-07**	**7.54E-07**	**7.54E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-3.70E-09	-3.00E-09	1.00E-09	1.90E-08	2.00E-08	1.90E-08	1.70E-08	2.60E-08
URI (ΔCDF)	-4.70E-08	-4.70E-08	-4.70E-08	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.07E-08**	**-5.00E-08**	**-4.60E-08**	**2.19E-07**	**2.20E-07**	**2.19E-07**	**2.17E-07**	**2.26E-07**

Licensee Comments:

3Q/07: 7/17/08 - Unit 2 RCIC Planned Unavailability hours changed from "1.08 hours" to "0.70 hours" for Sept. 2007 due to a discovery of a data collection error. No color change resulted from this correction

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)	1.30E-08	1.40E-08	1.40E-08	1.80E-08	2.00E-08	1.90E-08	1.90E-08	1.80E-08
URI (ΔCDF)	7.10E-08	7.00E-08	6.50E-08	6.20E-08	5.80E-08	5.50E-08	-2.60E-08	6.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.40E-08**	**8.40E-08**	**7.90E-08**	**8.00E-08**	**7.80E-08**	**7.40E-08**	**-7.00E-09**	**7.90E-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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	2.80E-09	2.80E-09	2.90E-09	2.70E-09	2.80E-09	3.00E-09	9.30E-08	1.20E-07
URI (ΔCDF)	-3.30E-09	-3.20E-09	-3.20E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.00E-10**	**-4.00E-10**	**-3.00E-10**	**-4.00E-10**	**-3.00E-10**	**-1.00E-10**	**8.98E-08**	**1.17E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**
Maximum activity	0.000128	0.000140	0.000123	0.000123	0.000081	0.000076	0.000073	0.000081	0.000069	0.000035	0.000039	0.000032
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**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	0.000031	0.000029	0.000165	0.000032	0.000025	0.000022	0.000036	0.000026	0.000027	0.000030	0.000031	0.000031
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**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	1.500	1.500	1.400	1.500	1.600	1.700	1.700	1.900	1.900	4.700	1.400	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.0**	**5.6**	**6.0**	**6.4**	**6.8**	**6.8**	**7.6**	**7.6**	**18.8**	**5.6**	**5.6**

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	1.400	1.450	1.550	1.500	1.500	1.600	1.600	5.000	1.500	1.400	1.400	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.6**	**5.8**	**6.2**	**6.0**	**6.0**	**6.4**	**6.4**	**20.0**	**6.0**	**5.6**	**5.6**	**5.6**

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	36.0	58.0	10.0	71.0	37.0	0	40.0	76.0
Total opportunities	36.0	58.0	10.0	72.0	38.0	0	40.0	86.0
Indicator value	**97.8%**	**98.9%**	**98.9%**	**98.7%**	**98.4%**	**98.9%**	**99.0%**	**96.5%**

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	69.0	69.0	72.0	69.0	68.0	69.0	67.0	67.0
Total Key personnel	69.0	69.0	72.0	69.0	68.0	69.0	67.0	67.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	2140	2143	2140	2139	2143	2305	2142	2139
Total sirens-tests	2145	2145	2145	2145	2145	2310	2145	2145
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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.

Limerick 2

3Q/2008 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	1.0	0	0	1.0	0	0
Critical hours	2209.0	1661.0	2044.8	2208.0	2209.0	1970.8	2184.0	2208.0
Indicator value	**0**	**0**	**0.9**	**0.9**	**0.9**	**1.7**	**0.8**	**0.8**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	1.0	1.0	0	1.0	0	0
Critical hours	2209.0	1661.0	2044.8	2208.0	2209.0	1970.8	2184.0	2208.0
Indicator value	**0**	**0**	**0.9**	**1.7**	**1.7**	**2.5**	**1.6**	**0.8**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	2	0	2	0	0	0	0	0
Indicator value	**2**	**2**	**4**	**4**	**2**	**2**	**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)	5.00E-09	4.80E-09	-3.40E-09	3.10E-09	3.10E-09	1.10E-08	1.80E-09	2.80E-09
URI (ΔCDF)	-3.00E-07	-3.00E-07	-3.00E-07	-2.60E-07	-2.60E-07	-2.50E-07	-2.40E-07	-2.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.95E-07**	**-2.95E-07**	**-3.03E-07**	**-2.57E-07**	**-2.57E-07**	**-2.39E-07**	**-2.38E-07**	**-2.37E-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)	-1.00E-08	-9.40E-09	7.90E-09	1.70E-08	1.70E-08	1.40E-08	1.40E-08	1.50E-08
URI (ΔCDF)	2.20E-07	2.20E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-07**	**2.11E-07**	**7.48E-07**	**7.57E-07**	**7.57E-07**	**7.54E-07**	**7.54E-07**	**7.55E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-3.00E-09	1.00E-09	1.90E-08	2.00E-08	1.90E-08	1.70E-08	2.60E-08	4.00E-08
URI (ΔCDF)	-4.70E-08	-4.70E-08	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.00E-08**	**-4.60E-08**	**2.19E-07**	**2.20E-07**	**2.19E-07**	**2.17E-07**	**2.26E-07**	**2.40E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	1.40E-08	1.40E-08	1.80E-08	2.00E-08	1.90E-08	1.90E-08	1.80E-08	2.60E-08
URI (ΔCDF)	7.00E-08	6.50E-08	6.20E-08	5.80E-08	5.50E-08	-2.60E-08	6.10E-08	5.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.40E-08**	**7.90E-08**	**8.00E-08**	**7.80E-08**	**7.40E-08**	**-7.00E-09**	**7.90E-08**	**8.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	2.80E-09	2.90E-09	2.70E-09	2.80E-09	3.00E-09	9.30E-08	1.20E-07	1.20E-07
URI (ΔCDF)	-3.20E-09	-3.20E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-10**	**-3.00E-10**	**-4.00E-10**	**-3.00E-10**	**-1.00E-10**	**8.98E-08**	**1.17E-07**	**1.17E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum activity	0.000123	0.000081	0.000076	0.000073	0.000081	0.000069	0.000035	0.000039	0.000032	0.000031	0.000029	0.000165
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**
Reactor Coolant System Activity	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**
Maximum activity	0.000032	0.000025	0.000022	0.000036	0.000026	0.000027	0.000030	0.000031	0.000031	0.000034	0.000034	0.000069
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.500	1.600	1.700	1.700	1.900	1.900	4.700	1.400	1.400	1.400	1.450	1.550
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.4**	**6.8**	**6.8**	**7.6**	**7.6**	**18.8**	**5.6**	**5.6**	**5.6**	**5.8**	**6.2**
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	1.500	1.500	1.600	1.600	5.000	1.500	1.400	1.400	1.400	1.400	2.240	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.0**	**6.4**	**6.4**	**20.0**	**6.0**	**5.6**	**5.6**	**5.6**	**5.6**	**9.0**	**5.6**

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	58.0	10.0	71.0	37.0	0	40.0	76.0	146.0
Total opportunities	58.0	10.0	72.0	38.0	0	40.0	86.0	146.0
Indicator value	**98.9%**	**98.9%**	**98.7%**	**98.4%**	**98.9%**	**99.0%**	**96.5%**	**97.3%**

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	69.0	72.0	69.0	68.0	69.0	67.0	67.0	68.0
Total Key personnel	69.0	72.0	69.0	68.0	69.0	67.0	67.0	68.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	2143	2140	2139	2143	2305	2142	2139	2144
Total sirens-tests	2145	2145	2145	2145	2310	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	1.0	0	0	1.0	0	0	0
Critical hours	1661.0	2044.8	2208.0	2209.0	1970.8	2184.0	2208.0	2209.0
Indicator value	**0**	**0.9**	**0.9**	**0.9**	**1.7**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	1.0	1.0	0	1.0	0	0	1.0
Critical hours	1661.0	2044.8	2208.0	2209.0	1970.8	2184.0	2208.0	2209.0
Indicator value	**0**	**0.9**	**1.7**	**1.7**	**2.5**	**1.6**	**0.8**	**1.6**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Safety System Functional Failures	0	2	0	0	0	0	0	0
Indicator value	**2**	**4**	**4**	**2**	**2**	**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)	4.80E-09	-3.40E-09	3.10E-09	3.10E-09	1.10E-08	1.80E-09	2.80E-09	3.20E-09
URI (ΔCDF)	-3.00E-07	-3.00E-07	-2.60E-07	-2.60E-07	-2.50E-07	-2.40E-07	-2.40E-07	-2.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.95E-07**	**-3.03E-07**	**-2.57E-07**	**-2.57E-07**	**-2.39E-07**	**-2.38E-07**	**-2.37E-07**	**-2.37E-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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	-9.40E-09	7.90E-09	1.70E-08	1.70E-08	1.40E-08	1.40E-08	1.50E-08	1.50E-08
URI (ΔCDF)	2.20E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.11E-07**	**7.48E-07**	**7.57E-07**	**7.57E-07**	**7.54E-07**	**7.54E-07**	**7.55E-07**	**7.55E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	1.00E-09	1.90E-08	2.00E-08	1.90E-08	1.70E-08	2.60E-08	4.00E-08	4.20E-08
URI (ΔCDF)	-4.70E-08	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.60E-08**	**2.19E-07**	**2.20E-07**	**2.19E-07**	**2.17E-07**	**2.26E-07**	**2.40E-07**	**2.42E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	1.40E-08	1.80E-08	2.00E-08	1.90E-08	1.90E-08	1.80E-08	2.60E-08	3.20E-08
URI (ΔCDF)	6.50E-08	6.20E-08	5.80E-08	5.50E-08	-2.60E-08	6.10E-08	5.80E-08	5.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.90E-08**	**8.00E-08**	**7.80E-08**	**7.40E-08**	**-7.00E-09**	**7.90E-08**	**8.40E-08**	**8.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	2.90E-09	2.70E-09	2.80E-09	3.00E-09	9.30E-08	1.20E-07	1.20E-07	1.20E-07
URI (ΔCDF)	-3.20E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-10**	**-4.00E-10**	**-3.00E-10**	**-1.00E-10**	**8.98E-08**	**1.17E-07**	**1.17E-07**	**1.17E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum activity	0.000073	0.000081	0.000069	0.000035	0.000039	0.000032	0.000031	0.000029	0.000165	0.000032	0.000025	0.000022
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**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	0.000036	0.000026	0.000027	0.000030	0.000031	0.000031	0.000034	0.000034	0.000069	0.000031	0.000027	0.000025
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.700	1.900	1.900	4.700	1.400	1.400	1.400	1.450	1.550	1.500	1.500	1.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.8**	**7.6**	**7.6**	**18.8**	**5.6**	**5.6**	**5.6**	**5.8**	**6.2**	**6.0**	**6.0**	**6.4**
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	1.600	5.000	1.500	1.400	1.400	1.400	1.400	2.240	1.400	2.770	1.400	1.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**20.0**	**6.0**	**5.6**	**5.6**	**5.6**	**5.6**	**9.0**	**5.6**	**11.1**	**5.6**	**6.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	10.0	71.0	37.0	0	40.0	76.0	146.0	101.0
Total opportunities	10.0	72.0	38.0	0	40.0	86.0	146.0	102.0
Indicator value	**98.9%**	**98.7%**	**98.4%**	**98.9%**	**99.0%**	**96.5%**	**97.3%**	**97.4%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	72.0	69.0	68.0	69.0	67.0	67.0	68.0	66.0
Total Key personnel	72.0	69.0	68.0	69.0	67.0	67.0	68.0	66.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	2140	2139	2143	2305	2142	2139	2144	2138
Total sirens-tests	2145	2145	2145	2310	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	1.0	0	0	1.0	0	0	0	0
Critical hours	2044.8	2208.0	2209.0	1970.8	2184.0	2208.0	2209.0	1944.5
Indicator value	**0.9**	**0.9**	**0.9**	**1.7**	**0.8**	**0.8**	**0.8**	**0**

Licensee Comments: none

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	1.0	1.0	0	1.0	0	0	1.0	2.0
Critical hours	2044.8	2208.0	2209.0	1970.8	2184.0	2208.0	2209.0	1944.5
Indicator value	**0.9**	**1.7**	**1.7**	**2.5**	**1.6**	**0.8**	**1.6**	**2.5**

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

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	2	0	0	0	0	0	0	0
Indicator value	**4**	**4**	**2**	**2**	**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)	-3.40E-09	3.10E-09	3.10E-09	1.10E-08	1.80E-09	2.80E-09	3.20E-09	6.90E-09
URI (ΔCDF)	-3.00E-07	-2.60E-07	-2.60E-07	-2.50E-07	-2.40E-07	-2.40E-07	-2.40E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.03E-07**	**-2.57E-07**	**-2.57E-07**	**-2.39E-07**	**-2.38E-07**	**-2.37E-07**	**-2.37E-07**	**-2.23E-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)	7.90E-09	1.70E-08	1.70E-08	1.40E-08	1.40E-08	1.50E-08	1.50E-08	1.50E-08
URI (ΔCDF)	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.48E-07**	**7.57E-07**	**7.57E-07**	**7.54E-07**	**7.54E-07**	**7.55E-07**	**7.55E-07**	**7.55E-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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	1.90E-08	2.00E-08	1.90E-08	1.70E-08	2.60E-08	4.00E-08	4.20E-08	4.30E-08
URI (ΔCDF)	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.19E-07**	**2.20E-07**	**2.19E-07**	**2.17E-07**	**2.26E-07**	**2.40E-07**	**2.42E-07**	**2.43E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	1.80E-08	2.00E-08	1.90E-08	1.90E-08	1.80E-08	2.60E-08	3.20E-08	3.70E-08
URI (ΔCDF)	6.20E-08	5.80E-08	5.50E-08	-2.60E-08	6.10E-08	5.80E-08	5.40E-08	5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.00E-08**	**7.80E-08**	**7.40E-08**	**-7.00E-09**	**7.90E-08**	**8.40E-08**	**8.60E-08**	**8.80E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	2.70E-09	2.80E-09	3.00E-09	9.30E-08	1.20E-07	1.20E-07	1.20E-07	9.10E-08
URI (ΔCDF)	-3.10E-09	-3.10E-09	-3.10E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-4.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-10**	**-3.00E-10**	**-1.00E-10**	**8.98E-08**	**1.17E-07**	**1.17E-07**	**1.17E-07**	**8.69E-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	0.000035	0.000039	0.000032	0.000031	0.000029	0.000165	0.000032	0.000025	0.000022	0.000036	0.000026	0.000027
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**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	0.000030	0.000031	0.000031	0.000034	0.000034	0.000069	0.000031	0.000027	0.000025	0.000022	0.000023	0.000025
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	4.700	1.400	1.400	1.400	1.450	1.550	1.500	1.500	1.600	1.600	5.000	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**18.8**	**5.6**	**5.6**	**5.6**	**5.8**	**6.2**	**6.0**	**6.0**	**6.4**	**6.4**	**20.0**	**6.0**
Reactor Coolant System Leakage	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum leakage	1.400	1.400	1.400	1.400	2.240	1.400	2.770	1.400	1.600	1.400	1.400	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.6**	**5.6**	**5.6**	**5.6**	**9.0**	**5.6**	**11.1**	**5.6**	**6.4**	**5.6**	**5.6**	**5.6**

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	71.0	37.0	0	40.0	76.0	146.0	101.0	93.0
Total opportunities	72.0	38.0	0	40.0	86.0	146.0	102.0	95.0
Indicator value	**98.7%**	**98.4%**	**98.9%**	**99.0%**	**96.5%**	**97.3%**	**97.4%**	**97.4%**

Licensee Comments: none

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	69.0	68.0	69.0	67.0	67.0	67.0	66.0	63.0
Total Key personnel	69.0	68.0	69.0	67.0	67.0	68.0	66.0	63.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**100.0%**	**100.0%**

Licensee Comments:

3Q/08: It was identified during a self assessment that a key ERO member, who was qualified for 2 positions, was given drill participation credit for the position he was not currently serving on the roster. There were no thresholds impacted. the data was adjusted from 68 to 67.

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	2139	2143	2305	2142	2139	2144	2138	2137
Total sirens-tests	2145	2145	2310	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: May 1, 2009

Limerick 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	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	1970.8	2184.0	2208.0	2209.0	1944.5	1915.7
Indicator value	**0.9**	**0.9**	**1.7**	**0.8**	**0.8**	**0.8**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	1.0	0	1.0	0	0	1.0	2.0	0
Critical hours	2208.0	2209.0	1970.8	2184.0	2208.0	2209.0	1944.5	1915.7
Indicator value	**1.7**	**1.7**	**2.5**	**1.6**	**0.8**	**1.6**	**2.5**	**2.5**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	**4**	**2**	**2**	**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)	3.10E-09	3.10E-09	1.10E-08	1.80E-09	2.80E-09	3.20E-09	6.90E-09	6.30E-09
URI (ΔCDF)	-2.60E-07	-2.60E-07	-2.50E-07	-2.40E-07	-2.40E-07	-2.40E-07	-2.30E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.57E-07**	**-2.57E-07**	**-2.39E-07**	**-2.38E-07**	**-2.37E-07**	**-2.37E-07**	**-2.23E-07**	**-2.24E-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)	1.70E-08	1.70E-08	1.40E-08	1.40E-08	1.50E-08	1.50E-08	1.50E-08	1.60E-08
URI (ΔCDF)	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.57E-07**	**7.57E-07**	**7.54E-07**	**7.54E-07**	**7.55E-07**	**7.55E-07**	**7.55E-07**	**7.56E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	2.00E-08	1.90E-08	1.70E-08	2.60E-08	4.00E-08	4.20E-08	4.30E-08	2.90E-08
URI (ΔCDF)	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.19E-07**	**2.17E-07**	**2.26E-07**	**2.40E-07**	**2.42E-07**	**2.43E-07**	**2.29E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**
UAI (ΔCDF)	2.00E-08	1.90E-08	1.90E-08	1.80E-08	2.60E-08	3.20E-08	3.70E-08	3.40E-08
URI (ΔCDF)	5.80E-08	5.50E-08	-2.60E-08	6.10E-08	5.80E-08	5.40E-08	5.10E-08	4.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.80E-08**	**7.40E-08**	**-7.00E-09**	**7.90E-08**	**8.40E-08**	**8.60E-08**	**8.80E-08**	**8.20E-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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	2.80E-09	3.00E-09	9.30E-08	1.20E-07	1.20E-07	1.20E-07	9.10E-08	1.10E-07
URI (ΔCDF)	-3.10E-09	-3.10E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-4.10E-09	-4.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-10**	**-1.00E-10**	**8.98E-08**	**1.17E-07**	**1.17E-07**	**1.17E-07**	**8.69E-08**	**1.06E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**
Maximum activity	0.000031	0.000029	0.000165	0.000032	0.000025	0.000022	0.000036	0.000026	0.000027	0.000030	0.000031	0.000031
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**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	0.000034	0.000034	0.000069	0.000031	0.000027	0.000025	0.000022	0.000023	0.000025	0.000025	0.000012	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.400	1.450	1.550	1.500	1.500	1.600	1.600	5.000	1.500	1.400	1.400	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.6**	**5.8**	**6.2**	**6.0**	**6.0**	**6.4**	**6.4**	**20.0**	**6.0**	**5.6**	**5.6**	**5.6**
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	1.400	2.240	1.400	2.770	1.400	1.600	1.400	1.400	1.400	1.400	1.400	1.300
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.6**	**9.0**	**5.6**	**11.1**	**5.6**	**6.4**	**5.6**	**5.6**	**5.6**	**5.6**	**5.6**	**5.2**

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	37.0	0	40.0	76.0	146.0	101.0	93.0	21.0
Total opportunities	38.0	0	40.0	86.0	146.0	102.0	95.0	22.0
Indicator value	**98.4%**	**98.9%**	**99.0%**	**96.5%**	**97.3%**	**97.4%**	**97.4%**	**97.2%**

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	68.0	69.0	67.0	67.0	67.0	66.0	63.0	61.0
Total Key personnel	68.0	69.0	67.0	67.0	68.0	66.0	63.0	61.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	2143	2305	2142	2139	2144	2138	2137	2143
Total sirens-tests	2145	2310	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**

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

Limerick 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	1.0	0	0	0	0	0	0
Critical hours	2209.0	1970.8	2184.0	2208.0	2209.0	1944.5	1915.7	2208.0
Indicator value	**0.9**	**1.7**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	1.0	0	0	1.0	2.0	0	1.0
Critical hours	2209.0	1970.8	2184.0	2208.0	2209.0	1944.5	1915.7	2208.0
Indicator value	**1.7**	**2.5**	**1.6**	**0.8**	**1.6**	**2.5**	**2.5**	**3.4**

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	3.10E-09	1.10E-08	1.80E-09	2.80E-09	3.20E-09	6.90E-09	6.30E-09	1.40E-08
URI (ΔCDF)	-2.60E-07	-2.50E-07	-2.40E-07	-2.40E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.57E-07**	**-2.39E-07**	**-2.38E-07**	**-2.37E-07**	**-2.37E-07**	**-2.23E-07**	**-2.24E-07**	**-2.16E-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)	1.70E-08	1.40E-08	1.40E-08	1.50E-08	1.50E-08	1.50E-08	1.60E-08	1.80E-08
URI (ΔCDF)	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.57E-07**	**7.54E-07**	**7.54E-07**	**7.55E-07**	**7.55E-07**	**7.55E-07**	**7.56E-07**	**7.58E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	1.90E-08	1.70E-08	2.60E-08	4.00E-08	4.20E-08	4.30E-08	2.90E-08	-9.80E-09
URI (ΔCDF)	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.19E-07**	**2.17E-07**	**2.26E-07**	**2.40E-07**	**2.42E-07**	**2.43E-07**	**2.29E-07**	**1.90E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	1.90E-08	1.90E-08	1.80E-08	2.60E-08	3.20E-08	3.70E-08	3.40E-08	3.40E-08
URI (ΔCDF)	5.50E-08	-2.60E-08	6.10E-08	5.80E-08	5.40E-08	5.10E-08	4.80E-08	4.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.40E-08**	**-7.00E-09**	**7.90E-08**	**8.40E-08**	**8.60E-08**	**8.80E-08**	**8.20E-08**	**7.90E-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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	3.00E-09	9.30E-08	1.20E-07	1.20E-07	1.20E-07	9.10E-08	1.10E-07	1.00E-07
URI (ΔCDF)	-3.10E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-4.10E-09	-4.10E-09	-4.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-10**	**8.98E-08**	**1.17E-07**	**1.17E-07**	**1.17E-07**	**8.69E-08**	**1.06E-07**	**9.59E-08**

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	0.000032	0.000025	0.000022	0.000036	0.000026	0.000027	0.000030	0.000031	0.000031	0.000034	0.000034	0.000069
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000031	0.000027	0.000025	0.000022	0.000023	0.000025	0.000025	0.000012	0.000011	0.000011	0.000011	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.500	1.500	1.600	1.600	5.000	1.500	1.400	1.400	1.400	1.400	2.240	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.0**	**6.0**	**6.4**	**6.4**	**20.0**	**6.0**	**5.6**	**5.6**	**5.6**	**5.6**	**9.0**	**5.6**
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	2.770	1.400	1.600	1.400	1.400	1.400	1.400	1.400	1.300	1.300	1.400	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**11.1**	**5.6**	**6.4**	**5.6**	**5.6**	**5.6**	**5.6**	**5.6**	**5.2**	**5.2**	**5.6**	**5.6**

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	0	40.0	76.0	146.0	101.0	93.0	21.0	57.0
Total opportunities	0	40.0	86.0	146.0	102.0	95.0	22.0	59.0
Indicator value	**98.9%**	**99.0%**	**96.5%**	**97.3%**	**97.4%**	**97.4%**	**97.2%**	**97.1%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	69.0	67.0	67.0	67.0	66.0	63.0	61.0	65.0
Total Key personnel	69.0	67.0	67.0	68.0	66.0	63.0	61.0	65.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	2305	2142	2139	2144	2138	2137	2143	2141
Total sirens-tests	2310	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 2

4Q/2009 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1970.8	2184.0	2208.0	2209.0	1944.5	1915.7	2208.0	2209.0
Indicator value	**1.7**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	1.0	0	0	1.0	2.0	0	1.0	0
Critical hours	1970.8	2184.0	2208.0	2209.0	1944.5	1915.7	2208.0	2209.0
Indicator value	**2.5**	**1.6**	**0.8**	**1.6**	**2.5**	**2.5**	**3.4**	**2.5**

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	1.10E-08	1.80E-09	2.80E-09	3.20E-09	6.90E-09	6.30E-09	1.40E-08	3.50E-09
URI (ΔCDF)	-2.50E-07	-2.40E-07	-2.40E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-6.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.39E-07**	**-2.38E-07**	**-2.37E-07**	**-2.37E-07**	**-2.23E-07**	**-2.24E-07**	**-2.16E-07**	**-5.65E-08**

Licensee Comments:

4Q/09: Changed PRA Parameter(s). 01/13/2010- The PRA values for affected MSPI systems were updated to reflect a revision to the Limerick PRA Model (2008A) approved on 09/18/09 and incorporated into the Limerick MSPI Basis Document (LG-MSPI-001 Rev2, dated 12/22/09). This PRA model was approved in 3Q09. The revision resulted in the following MSPI changes:1) updates of PRA risk values for MS06 to MS10 (HPCI, RCIC, EDG, RHR, ESW and RHRSW), 2) reduced PRA success criteria for MS08 (RCIC) from 600 to 500 gpm and 3) added a monitored component to MS07 (HPCI Min Flow valve HV-051-1(2)F012). The EDG (MS06) Mission Time bases was changed from 24 hours to 4 hours effective 1Q2010 per NEI-99-02 Rev 6.

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)	1.40E-08	1.40E-08	1.50E-08	1.50E-08	1.50E-08	1.60E-08	1.80E-08	-1.20E-08
URI (ΔCDF)	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	4.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.54E-07**	**7.54E-07**	**7.55E-07**	**7.55E-07**	**7.55E-07**	**7.56E-07**	**7.58E-07**	**3.88E-07**

Licensee Comments:

4Q/09: Changed PRA Parameter(s). 01/13/2010- The PRA values for affected MSPI systems were updated to reflect a revision to the Limerick PRA Model (2008A) approved on 09/18/09 and incorporated into the Limerick MSPI Basis Document (LG-MSPI-001 Rev2, dated 12/22/09). This PRA model was approved in 3Q09. The revision resulted in the following MSPI changes:1) updates of PRA risk values for MS06 to MS10 (HPCI, RCIC, EDG, RHR, ESW and RHRSW), 2) reduced PRA success criteria for MS08 (RCIC) from 600 to 500 gpm and 3) added a monitored component to MS07 (HPCI Min Flow valve HV-051-1(2)F012). The EDG (MS06) Mission Time bases was changed from 24 hours to 4 hours effective 1Q2010 per NEI-99-02 Rev 6.

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)	1.70E-08	2.60E-08	4.00E-08	4.20E-08	4.30E-08	2.90E-08	-9.80E-09	7.00E-09
URI (ΔCDF)	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.17E-07**	**2.26E-07**	**2.40E-07**	**2.42E-07**	**2.43E-07**	**2.29E-07**	**1.90E-07**	**1.17E-07**

Licensee Comments:

4Q/09: Changed PRA Parameter(s). 01/13/2010- The PRA values for affected MSPI systems were updated to reflect a revision to the Limerick PRA Model (2008A) approved on 09/18/09 and incorporated into the Limerick MSPI Basis Document (LG-MSPI-001 Rev2, dated 12/22/09). This PRA model was approved in 3Q09. The revision resulted in the following MSPI changes:1) updates of PRA risk values for MS06 to MS10 (HPCI, RCIC, EDG, RHR, ESW and RHRSW), 2) reduced PRA success criteria for MS08 (RCIC) from 600 to 500 gpm and 3) added a monitored component to MS07 (HPCI Min Flow valve HV-051-1(2)F012). The EDG (MS06) Mission Time bases was changed from 24 hours to 4 hours effective 1Q2010 per NEI-99-02 Rev 6.

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)	1.90E-08	1.80E-08	2.60E-08	3.20E-08	3.70E-08	3.40E-08	3.40E-08	4.40E-08
URI (ΔCDF)	-2.60E-08	6.10E-08	5.80E-08	5.40E-08	5.10E-08	4.80E-08	4.50E-08	-1.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.00E-09**	**7.90E-08**	**8.40E-08**	**8.60E-08**	**8.80E-08**	**8.20E-08**	**7.90E-08**	**4.27E-08**

Licensee Comments:

4Q/09: Changed PRA Parameter(s). 01/13/2010- The PRA values for affected MSPI systems were updated to reflect a revision to the Limerick PRA Model (2008A) approved on 09/18/09 and incorporated into the Limerick MSPI Basis Document (LG-MSPI-001 Rev2, dated 12/22/09). This PRA model was approved in 3Q09. The revision resulted in the following MSPI changes:1) updates of PRA risk values for MS06 to MS10 (HPCI, RCIC, EDG, RHR, ESW and RHRSW), 2) reduced PRA success criteria for MS08 (RCIC) from 600 to 500 gpm and 3) added a monitored component to MS07 (HPCI Min Flow valve HV-051-1(2)F012). The EDG (MS06) Mission Time bases was changed from 24 hours to 4 hours effective 1Q2010 per NEI-99-02 Rev 6.

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)	9.30E-08	1.20E-07	1.20E-07	1.20E-07	9.10E-08	1.10E-07	1.00E-07	1.40E-07
URI (ΔCDF)	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-4.10E-09	-4.10E-09	-4.10E-09	-2.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.98E-08**	**1.17E-07**	**1.17E-07**	**1.17E-07**	**8.69E-08**	**1.06E-07**	**9.59E-08**	**1.15E-07**

Licensee Comments:

4Q/09: Changed PRA Parameter(s). 01/13/2010- The PRA values for affected MSPI systems were updated to reflect a revision to the Limerick PRA Model (2008A) approved on 09/18/09 and incorporated into the Limerick MSPI Basis Document (LG-MSPI-001 Rev2, dated 12/22/09). This PRA model was approved in 3Q09. The revision resulted in the following MSPI changes:1) updates of PRA risk values for MS06 to MS10 (HPCI, RCIC, EDG, RHR, ESW and RHRSW), 2) reduced PRA success criteria for MS08 (RCIC) from 600 to 500 gpm and 3) added a monitored component to MS07 (HPCI Min Flow valve HV-051-1(2)F012). The EDG (MS06) Mission Time bases was changed from 24 hours to 4 hours effective 1Q2010 per NEI-99-02 Rev 6.

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	0.000036	0.000026	0.000027	0.000030	0.000031	0.000031	0.000034	0.000034	0.000069	0.000031	0.000027	0.000025
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000022	0.000023	0.000025	0.000025	0.000012	0.000011	0.000011	0.000011	0.000010	0.000010	0.000012	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.600	5.000	1.500	1.400	1.400	1.400	1.400	2.240	1.400	1.870	1.400	1.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**20.0**	**6.0**	**5.6**	**5.6**	**5.6**	**5.6**	**9.0**	**5.6**	**7.5**	**5.6**	**6.4**
Reactor Coolant System Leakage	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum leakage	1.400	1.400	1.400	1.400	1.400	1.300	1.300	1.400	1.400	1.400	1.500	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.6**	**5.6**	**5.6**	**5.6**	**5.6**	**5.2**	**5.2**	**5.6**	**5.6**	**5.6**	**6.0**	**5.6**

Licensee Comments:

12/08: 12/21/2009 -The Unit 2 Maximum Identified RCS Leakage (gpm) for October 2008 was changed from 2.77 to 1.87 due to a discovery of a data collection error. The correction did not result in any significant change to the indicator value. No change in color thresholds were involved.

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	40.0	76.0	146.0	101.0	93.0	21.0	57.0	17.0
Total opportunities	40.0	86.0	146.0	102.0	95.0	22.0	59.0	17.0
Indicator value	**99.0%**	**96.5%**	**97.3%**	**97.4%**	**97.4%**	**97.2%**	**97.1%**	**97.2%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	67.0	67.0	67.0	66.0	63.0	61.0	65.0	68.0
Total Key personnel	67.0	67.0	68.0	66.0	63.0	61.0	65.0	68.0
Indicator value	**100.0%**	**100.0%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	2142	2139	2144	2138	2137	2143	2141	2145
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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

Limerick 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	2209.0	1944.5	1915.7	2208.0	2209.0	2159.0
Indicator value	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	1.0	2.0	0	1.0	0	0
Critical hours	2184.0	2208.0	2209.0	1944.5	1915.7	2208.0	2209.0	2159.0
Indicator value	**1.6**	**0.8**	**1.6**	**2.5**	**2.5**	**3.4**	**2.5**	**0.8**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	1.80E-09	2.80E-09	3.20E-09	6.90E-09	6.30E-09	1.40E-08	3.50E-09	4.67E-09
URI (ΔCDF)	-2.40E-07	-2.40E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-6.00E-08	6.47E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.38E-07**	**-2.37E-07**	**-2.37E-07**	**-2.23E-07**	**-2.24E-07**	**-2.16E-07**	**-5.65E-08**	**1.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	1.40E-08	1.50E-08	1.50E-08	1.50E-08	1.60E-08	1.80E-08	-1.20E-08	-1.22E-08
URI (ΔCDF)	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	4.00E-07	3.98E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.54E-07**	**7.55E-07**	**7.55E-07**	**7.55E-07**	**7.56E-07**	**7.58E-07**	**3.88E-07**	**3.90E-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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	2.60E-08	4.00E-08	4.20E-08	4.30E-08	2.90E-08	-9.80E-09	7.00E-09	5.00E-09
URI (ΔCDF)	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	1.10E-07	1.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.26E-07**	**2.40E-07**	**2.42E-07**	**2.43E-07**	**2.29E-07**	**1.90E-07**	**1.17E-07**	**1.20E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	1.80E-08	2.60E-08	3.20E-08	3.70E-08	3.40E-08	3.40E-08	4.40E-08	4.23E-08
URI (ΔCDF)	6.10E-08	5.80E-08	5.40E-08	5.10E-08	4.80E-08	4.50E-08	-1.30E-09	-1.17E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.90E-08**	**8.40E-08**	**8.60E-08**	**8.80E-08**	**8.20E-08**	**7.90E-08**	**4.27E-08**	**4.10E-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	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	1.20E-07	1.20E-07	1.20E-07	9.10E-08	1.10E-07	1.00E-07	1.40E-07	1.52E-07
URI (ΔCDF)	-3.20E-09	-3.20E-09	-3.20E-09	-4.10E-09	-4.10E-09	-4.10E-09	-2.50E-08	-2.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.17E-07**	**1.17E-07**	**1.17E-07**	**8.69E-08**	**1.06E-07**	**9.59E-08**	**1.15E-07**	**1.30E-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	0.000030	0.000031	0.000031	0.000034	0.000034	0.000069	0.000031	0.000027	0.000025	0.000022	0.000023	0.000025
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000025	0.000012	0.000011	0.000011	0.000011	0.000010	0.000010	0.000012	0.000010	0.000011	0.000011	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum leakage	1.400	1.400	1.400	1.400	2.240	1.400	1.870	1.400	1.600	1.400	1.400	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.6**	**5.6**	**5.6**	**5.6**	**9.0**	**5.6**	**7.5**	**5.6**	**6.4**	**5.6**	**5.6**	**5.6**
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	1.400	1.400	1.300	1.300	1.400	1.400	1.400	1.500	1.400	1.400	1.500	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	30.0	30.0	30.0
Indicator value	**5.6**	**5.6**	**5.2**	**5.2**	**5.6**	**5.6**	**5.6**	**6.0**	**5.6**	**4.7**	**5.0**	**5.0**

Licensee Comments:

3/10: 4/21/10-The RCS Leakage Tech Spec Limit was changed effective Jan 2010 from 25 GPM to 30 GPM, to more accurately align the indicator and Tech Spec calculation methodology. No threshold or color change is involved.

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	76.0	146.0	101.0	93.0	21.0	57.0	17.0	10.0
Total opportunities	86.0	146.0	102.0	95.0	22.0	59.0	17.0	10.0
Indicator value	**96.5%**	**97.3%**	**97.4%**	**97.4%**	**97.2%**	**97.1%**	**97.2%**	**97.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	67.0	67.0	66.0	63.0	61.0	65.0	68.0	69.0
Total Key personnel	67.0	68.0	66.0	63.0	61.0	65.0	68.0	69.0
Indicator value	**100.0%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	2139	2144	2138	2137	2143	2141	2145	2142
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 2

2Q/2010 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1944.5	1915.7	2208.0	2209.0	2159.0	2184.0
Indicator value	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	1.0	2.0	0	1.0	0	0	0
Critical hours	2208.0	2209.0	1944.5	1915.7	2208.0	2209.0	2159.0	2184.0
Indicator value	**0.8**	**1.6**	**2.5**	**2.5**	**3.4**	**2.5**	**0.8**	**0.8**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	2.80E-09	3.20E-09	6.90E-09	6.30E-09	1.40E-08	3.50E-09	4.67E-09	9.27E-09
URI (ΔCDF)	-2.40E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-6.00E-08	6.47E-09	2.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.37E-07**	**-2.37E-07**	**-2.23E-07**	**-2.24E-07**	**-2.16E-07**	**-5.65E-08**	**1.10E-08**	**3.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	1.50E-08	1.50E-08	1.50E-08	1.60E-08	1.80E-08	-1.20E-08	-1.22E-08	-2.50E-08
URI (ΔCDF)	7.40E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07	4.00E-07	3.98E-07	-4.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.55E-07**	**7.55E-07**	**7.55E-07**	**7.56E-07**	**7.58E-07**	**3.88E-07**	**3.90E-07**	**-7.10E-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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	4.00E-08	4.20E-08	4.30E-08	2.90E-08	-9.80E-09	7.00E-09	5.00E-09	-1.06E-08
URI (ΔCDF)	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	1.10E-07	1.13E-07	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.40E-07**	**2.42E-07**	**2.43E-07**	**2.29E-07**	**1.90E-07**	**1.17E-07**	**1.20E-07**	**-3.80E-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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	2.60E-08	3.20E-08	3.70E-08	3.40E-08	3.40E-08	4.40E-08	4.23E-08	3.74E-08
URI (ΔCDF)	5.80E-08	5.40E-08	5.10E-08	4.80E-08	4.50E-08	-1.30E-09	-1.17E-09	-1.18E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.40E-08**	**8.60E-08**	**8.80E-08**	**8.20E-08**	**7.90E-08**	**4.27E-08**	**4.10E-08**	**3.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	1.20E-07	1.20E-07	9.10E-08	1.10E-07	1.00E-07	1.40E-07	1.52E-07	1.96E-07
URI (ΔCDF)	-3.20E-09	-3.20E-09	-4.10E-09	-4.10E-09	-4.10E-09	-2.50E-08	-2.56E-08	-2.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.17E-07**	**1.17E-07**	**8.69E-08**	**1.06E-07**	**9.59E-08**	**1.15E-07**	**1.30E-07**	**1.70E-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	0.000034	0.000034	0.000069	0.000031	0.000027	0.000025	0.000022	0.000023	0.000025	0.000025	0.000012	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000011	0.000011	0.000010	0.000010	0.000012	0.000010	0.000011	0.000011	0.000009	0.000011	0.000011	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum leakage	1.400	2.240	1.400	1.870	1.400	1.600	1.400	1.400	1.400	1.400	1.400	1.300
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.6**	**9.0**	**5.6**	**7.5**	**5.6**	**6.4**	**5.6**	**5.6**	**5.6**	**5.6**	**5.6**	**5.2**
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	1.300	1.400	1.400	1.400	1.500	1.400	1.400	1.500	1.500	1.400	1.450	1.350
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.2**	**5.6**	**5.6**	**5.6**	**6.0**	**5.6**	**4.7**	**5.0**	**5.0**	**4.7**	**4.8**	**4.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	146.0	101.0	93.0	21.0	57.0	17.0	10.0	23.0
Total opportunities	146.0	102.0	95.0	22.0	59.0	17.0	10.0	24.0
Indicator value	**97.3%**	**97.4%**	**97.4%**	**97.2%**	**97.1%**	**97.2%**	**97.0%**	**98.5%**

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	67.0	66.0	63.0	61.0	65.0	68.0	69.0	65.0
Total Key personnel	68.0	66.0	63.0	61.0	65.0	68.0	69.0	65.0
Indicator value	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	2144	2138	2137	2143	2141	2145	2142	2140
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	2209.0	1944.5	1915.7	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	1.0	2.0	0	1.0	0	0	0	0
Critical hours	2209.0	1944.5	1915.7	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	**1.6**	**2.5**	**2.5**	**3.4**	**2.5**	**0.8**	**0.8**	**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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	3.20E-09	6.90E-09	6.30E-09	1.40E-08	3.50E-09	4.67E-09	9.27E-09	8.01E-09
URI (ΔCDF)	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-6.00E-08	6.47E-09	2.54E-08	6.02E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.37E-07**	**-2.23E-07**	**-2.24E-07**	**-2.16E-07**	**-5.65E-08**	**1.10E-08**	**3.50E-08**	**1.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	1.50E-08	1.50E-08	1.60E-08	1.80E-08	-1.20E-08	-1.22E-08	-2.50E-08	-3.20E-08
URI (ΔCDF)	7.40E-07	7.40E-07	7.40E-07	7.40E-07	4.00E-07	3.98E-07	-4.60E-08	-4.61E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.55E-07**	**7.55E-07**	**7.56E-07**	**7.58E-07**	**3.88E-07**	**3.90E-07**	**-7.10E-08**	**-7.80E-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/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	4.20E-08	4.30E-08	2.90E-08	-9.80E-09	7.00E-09	5.00E-09	-1.06E-08	2.65E-09
URI (ΔCDF)	2.00E-07	2.00E-07	2.00E-07	2.00E-07	1.10E-07	1.13E-07	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.42E-07**	**2.43E-07**	**2.29E-07**	**1.90E-07**	**1.17E-07**	**1.20E-07**	**-3.80E-08**	**-2.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	3.20E-08	3.70E-08	3.40E-08	3.40E-08	4.40E-08	4.23E-08	3.74E-08	4.07E-08
URI (ΔCDF)	5.40E-08	5.10E-08	4.80E-08	4.50E-08	-1.30E-09	-1.17E-09	-1.18E-09	-1.31E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.60E-08**	**8.80E-08**	**8.20E-08**	**7.90E-08**	**4.27E-08**	**4.10E-08**	**3.60E-08**	**3.90E-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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	1.20E-07	9.10E-08	1.10E-07	1.00E-07	1.40E-07	1.52E-07	1.96E-07	2.70E-07
URI (ΔCDF)	-3.20E-09	-4.10E-09	-4.10E-09	-4.10E-09	-2.50E-08	-2.56E-08	-2.66E-08	-2.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.17E-07**	**8.69E-08**	**1.06E-07**	**9.59E-08**	**1.15E-07**	**1.30E-07**	**1.70E-07**	**2.40E-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	0.000031	0.000027	0.000025	0.000022	0.000023	0.000025	0.000025	0.000012	0.000011	0.000011	0.000011	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000010	0.000012	0.000010	0.000011	0.000011	0.000009	0.000011	0.000011	0.000014	0.000013	0.000013	0.000025
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum leakage	1.870	1.400	1.600	1.400	1.400	1.400	1.400	1.400	1.300	1.300	1.400	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.5**	**5.6**	**6.4**	**5.6**	**5.6**	**5.6**	**5.6**	**5.6**	**5.2**	**5.2**	**5.6**	**5.6**
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	1.400	1.500	1.400	1.400	1.500	1.500	1.400	1.450	1.350	1.400	1.300	1.400
Technical specification limit	25.0	25.0	25.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.6**	**6.0**	**5.6**	**4.7**	**5.0**	**5.0**	**4.7**	**4.8**	**4.5**	**4.7**	**4.3**	**4.7**

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	101.0	93.0	21.0	57.0	17.0	10.0	23.0	59.0
Total opportunities	102.0	95.0	22.0	59.0	17.0	10.0	24.0	61.0
Indicator value	**97.4%**	**97.4%**	**97.2%**	**97.1%**	**97.2%**	**97.0%**	**98.5%**	**97.7%**

Licensee Comments: none

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	66.0	63.0	61.0	65.0	68.0	69.0	65.0	64.0
Total Key personnel	66.0	63.0	61.0	65.0	68.0	69.0	65.0	65.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	2138	2137	2143	2141	2145	2142	2140	2144
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	0
Critical hours	1944.5	1915.7	2208.0	2209.0	2159.0	2184.0	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/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	2.0	0	1.0	0	0	0	0	2.0
Critical hours	1944.5	1915.7	2208.0	2209.0	2159.0	2184.0	2208.0	2209.0
Indicator value	**2.5**	**2.5**	**3.4**	**2.5**	**0.8**	**0.8**	**0**	**1.6**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	6.90E-09	6.30E-09	1.40E-08	3.50E-09	4.67E-09	9.27E-09	8.01E-09	8.00E-09
URI (ΔCDF)	-2.30E-07	-2.30E-07	-2.30E-07	-6.00E-08	6.47E-09	2.54E-08	6.02E-09	6.92E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.23E-07**	**-2.24E-07**	**-2.16E-07**	**-5.65E-08**	**1.10E-08**	**3.50E-08**	**1.40E-08**	**1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	1.50E-08	1.60E-08	1.80E-08	-1.20E-08	-1.22E-08	-2.50E-08	-3.20E-08	-3.20E-08
URI (ΔCDF)	7.40E-07	7.40E-07	7.40E-07	4.00E-07	3.98E-07	-4.60E-08	-4.61E-08	-4.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.55E-07**	**7.56E-07**	**7.58E-07**	**3.88E-07**	**3.90E-07**	**-7.10E-08**	**-7.80E-08**	**-7.80E-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	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	4.30E-08	2.90E-08	-9.80E-09	7.00E-09	5.00E-09	-1.06E-08	2.65E-09	2.30E-09
URI (ΔCDF)	2.00E-07	2.00E-07	2.00E-07	1.10E-07	1.13E-07	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.43E-07**	**2.29E-07**	**1.90E-07**	**1.17E-07**	**1.20E-07**	**-3.80E-08**	**-2.40E-08**	**-2.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	3.70E-08	3.40E-08	3.40E-08	4.40E-08	4.23E-08	3.74E-08	4.07E-08	3.87E-08
URI (ΔCDF)	5.10E-08	4.80E-08	4.50E-08	-1.30E-09	-1.17E-09	-1.18E-09	-1.31E-09	-1.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.80E-08**	**8.20E-08**	**7.90E-08**	**4.27E-08**	**4.10E-08**	**3.60E-08**	**3.90E-08**	**3.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	9.10E-08	1.10E-07	1.00E-07	1.40E-07	1.52E-07	1.96E-07	2.70E-07	3.71E-07
URI (ΔCDF)	-4.10E-09	-4.10E-09	-4.10E-09	-2.50E-08	-2.56E-08	-2.66E-08	-2.79E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.69E-08**	**1.06E-07**	**9.59E-08**	**1.15E-07**	**1.30E-07**	**1.70E-07**	**2.40E-07**	**3.40E-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	0.000022	0.000023	0.000025	0.000025	0.000012	0.000011	0.000011	0.000011	0.000010	0.000010	0.000012	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000011	0.000011	0.000009	0.000011	0.000011	0.000014	0.000013	0.000013	0.000025	0.000013	0.000014	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum leakage	1.400	1.400	1.400	1.400	1.400	1.300	1.300	1.400	1.400	1.400	1.500	1.400
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**5.6**	**5.6**	**5.6**	**5.6**	**5.6**	**5.2**	**5.2**	**5.6**	**5.6**	**5.6**	**6.0**	**5.6**
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	1.400	1.500	1.500	1.400	1.450	1.350	1.400	1.300	1.400	1.500	1.500	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.0**	**5.0**	**4.7**	**4.8**	**4.5**	**4.7**	**4.3**	**4.7**	**5.0**	**5.0**	**4.7**

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	93.0	21.0	57.0	17.0	12.0	23.0	59.0	43.0
Total opportunities	95.0	22.0	59.0	17.0	12.0	24.0	61.0	43.0
Indicator value	**97.4%**	**97.2%**	**97.1%**	**97.2%**	**97.0%**	**98.5%**	**97.7%**	**97.6%**

Licensee Comments:

1Q/10: 2 DEP opportunities were not previously counted in Jan 2010 totals in error. The data changed 6 to 8. There was no impact on the PI threshold.

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	63.0	61.0	65.0	68.0	69.0	65.0	64.0	65.0
Total Key personnel	63.0	61.0	65.0	68.0	69.0	65.0	66.0	65.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**100.0%**

Licensee Comments:

3Q/10: One Key ERO participant was not previously counted in Aug totals due to an error. The August and September data was revised from a total of 65 to 66 particiants. The PI threshold was not impacted.

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	2137	2143	2141	2145	2142	2140	2144	2143
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	0	1.0
Critical hours	1915.7	2208.0	2209.0	2159.0	2184.0	2208.0	2209.0	2024.4
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	1.0	0	0	0	0	2.0	1.0
Critical hours	1915.7	2208.0	2209.0	2159.0	2184.0	2208.0	2209.0	2024.4
Indicator value	**2.5**	**3.4**	**2.5**	**0.8**	**0.8**	**0**	**1.6**	**2.4**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	6.30E-09	1.40E-08	3.50E-09	4.67E-09	9.27E-09	8.01E-09	8.00E-09	7.78E-09
URI (ΔCDF)	-2.30E-07	-2.30E-07	-6.00E-08	6.47E-09	2.54E-08	6.02E-09	6.92E-09	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.24E-07**	**-2.16E-07**	**-5.65E-08**	**1.10E-08**	**3.50E-08**	**1.40E-08**	**1.50E-08**	**-3.60E-09**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	1.60E-08	1.80E-08	-1.20E-08	-1.22E-08	-2.50E-08	-3.20E-08	-3.20E-08	-3.20E-08
URI (ΔCDF)	7.40E-07	7.40E-07	4.00E-07	3.98E-07	-4.60E-08	-4.61E-08	-4.62E-08	-4.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.56E-07**	**7.58E-07**	**3.88E-07**	**3.90E-07**	**-7.10E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	2.90E-08	-9.80E-09	7.00E-09	5.00E-09	-1.06E-08	2.65E-09	2.30E-09	2.63E-09
URI (ΔCDF)	2.00E-07	2.00E-07	1.10E-07	1.13E-07	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.29E-07**	**1.90E-07**	**1.17E-07**	**1.20E-07**	**-3.80E-08**	**-2.40E-08**	**-2.50E-08**	**-2.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	3.40E-08	3.40E-08	4.40E-08	4.23E-08	3.74E-08	4.07E-08	3.87E-08	3.83E-08
URI (ΔCDF)	4.80E-08	4.50E-08	-1.30E-09	-1.17E-09	-1.18E-09	-1.31E-09	-1.36E-09	-1.38E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.20E-08**	**7.90E-08**	**4.27E-08**	**4.10E-08**	**3.60E-08**	**3.90E-08**	**3.70E-08**	**3.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	1.10E-07	1.00E-07	1.40E-07	1.52E-07	1.96E-07	2.70E-07	3.71E-07	3.40E-07
URI (ΔCDF)	-4.10E-09	-4.10E-09	-2.50E-08	-2.56E-08	-2.66E-08	-2.79E-08	-2.85E-08	-2.81E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.06E-07**	**9.59E-08**	**1.15E-07**	**1.30E-07**	**1.70E-07**	**2.40E-07**	**3.40E-07**	**3.10E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**
Maximum activity	0.000025	0.000012	0.000011	0.000011	0.000011	0.000010	0.000010	0.000012	0.000010	0.000011	0.000011	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum activity	0.000011	0.000011	0.000014	0.000013	0.000013	0.000025	0.000013	0.000014	0.000012	0.000014	0.000013	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.400	1.400	1.300	1.300	1.400	1.400	1.400	1.500	1.400	1.400	1.500	1.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	30.0	30.0	30.0
Indicator value	**5.6**	**5.6**	**5.2**	**5.2**	**5.6**	**5.6**	**5.6**	**6.0**	**5.6**	**4.7**	**5.0**	**5.0**
Reactor Coolant System Leakage	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum leakage	1.400	1.450	1.350	1.400	1.300	1.400	1.500	1.500	1.400	1.500	1.400	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.8**	**4.5**	**4.7**	**4.3**	**4.7**	**5.0**	**5.0**	**4.7**	**5.0**	**4.7**	**4.7**

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	21.0	57.0	17.0	12.0	23.0	59.0	43.0	66.0
Total opportunities	22.0	59.0	17.0	12.0	24.0	61.0	43.0	68.0
Indicator value	**97.2%**	**97.1%**	**97.2%**	**97.0%**	**98.5%**	**97.7%**	**97.6%**	**97.4%**

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	61.0	65.0	68.0	69.0	65.0	64.0	65.0	65.0
Total Key personnel	61.0	65.0	68.0	69.0	65.0	66.0	65.0	65.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	2143	2141	2145	2142	2140	2144	2143	2144
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	0	1.0	1.0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	2209.0	2024.4	1592.4
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**	**1.7**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	1.0	0	0	0	0	2.0	1.0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	2209.0	2024.4	1592.4
Indicator value	**3.4**	**2.5**	**0.8**	**0.8**	**0**	**1.6**	**2.4**	**2.6**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	1.40E-08	3.50E-09	4.67E-09	9.27E-09	8.01E-09	8.00E-09	7.78E-09	7.98E-09
URI (ΔCDF)	-2.30E-07	-6.00E-08	6.47E-09	2.54E-08	6.02E-09	6.92E-09	-1.14E-08	6.50E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.16E-07**	**-5.65E-08**	**1.10E-08**	**3.50E-08**	**1.40E-08**	**1.50E-08**	**-3.60E-09**	**1.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	1.80E-08	-1.20E-08	-1.22E-08	-2.50E-08	-3.20E-08	-3.20E-08	-3.20E-08	-3.20E-08
URI (ΔCDF)	7.40E-07	4.00E-07	3.98E-07	-4.60E-08	-4.61E-08	-4.62E-08	-4.62E-08	-4.63E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.58E-07**	**3.88E-07**	**3.90E-07**	**-7.10E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-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	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-9.80E-09	7.00E-09	5.00E-09	-1.06E-08	2.65E-09	2.30E-09	2.63E-09	-6.05E-10
URI (ΔCDF)	2.00E-07	1.10E-07	1.13E-07	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-07**	**1.17E-07**	**1.20E-07**	**-3.80E-08**	**-2.40E-08**	**-2.50E-08**	**-2.40E-08**	**-2.80E-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)	3.40E-08	4.40E-08	4.23E-08	3.74E-08	4.07E-08	3.87E-08	3.83E-08	3.06E-08
URI (ΔCDF)	4.50E-08	-1.30E-09	-1.17E-09	-1.18E-09	-1.31E-09	-1.36E-09	-1.38E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.90E-08**	**4.27E-08**	**4.10E-08**	**3.60E-08**	**3.90E-08**	**3.70E-08**	**3.70E-08**	**2.80E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	1.00E-07	1.40E-07	1.52E-07	1.96E-07	2.70E-07	3.71E-07	3.40E-07	3.19E-07
URI (ΔCDF)	-4.10E-09	-2.50E-08	-2.56E-08	-2.66E-08	-2.79E-08	-2.85E-08	-2.81E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.59E-08**	**1.15E-07**	**1.30E-07**	**1.70E-07**	**2.40E-07**	**3.40E-07**	**3.10E-07**	**2.90E-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	0.000011	0.000011	0.000010	0.000010	0.000012	0.000010	0.000011	0.000011	0.000009	0.000011	0.000011	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum activity	0.000013	0.000013	0.000025	0.000013	0.000014	0.000012	0.000014	0.000013	0.000015	0.000013	0.000010	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.300	1.400	1.400	1.400	1.500	1.400	1.400	1.500	1.500	1.400	1.450	1.350
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.2**	**5.6**	**5.6**	**5.6**	**6.0**	**5.6**	**4.7**	**5.0**	**5.0**	**4.7**	**4.8**	**4.5**
Reactor Coolant System Leakage	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum leakage	1.400	1.300	1.400	1.500	1.500	1.400	1.500	1.400	1.400	1.200	1.300	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.3**	**4.7**	**5.0**	**5.0**	**4.7**	**5.0**	**4.7**	**4.7**	**4.0**	**4.3**	**4.7**

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	57.0	17.0	12.0	23.0	59.0	43.0	66.0	20.0
Total opportunities	59.0	17.0	12.0	24.0	61.0	43.0	68.0	20.0
Indicator value	**97.1%**	**97.2%**	**97.0%**	**98.5%**	**97.7%**	**97.6%**	**97.4%**	**97.7%**

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	65.0	68.0	69.0	65.0	64.0	65.0	65.0	64.0
Total Key personnel	65.0	68.0	69.0	65.0	66.0	65.0	65.0	64.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	2141	2145	2142	2140	2144	2143	2144	2144
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/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

Limerick 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	0	1.0	1.0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	2209.0	2024.4	1592.4	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**1.7**	**1.7**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	2.0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	2209.0	2024.4	1592.4	2208.0
Indicator value	**2.5**	**0.8**	**0.8**	**0**	**1.6**	**1.6**	**1.7**	**1.7**

Licensee Comments:

1Q/11: IE03 changed from unplanned to planned for the power ascension, which began on 02/28/2011at 22:02 and ended on 3/1/11. This was more than 72 hours after an unplanned manual scram which occurred on 2/25/2011 at 09:12 which meets the definition of a planned power change. No color change is involved.

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	3.50E-09	4.67E-09	9.27E-09	8.01E-09	8.00E-09	7.78E-09	7.98E-09	9.41E-09
URI (ΔCDF)	-6.00E-08	6.47E-09	2.54E-08	6.02E-09	6.92E-09	-1.14E-08	6.50E-09	5.95E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.65E-08**	**1.10E-08**	**3.50E-08**	**1.40E-08**	**1.50E-08**	**-3.60E-09**	**1.40E-08**	**1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	-1.20E-08	-1.22E-08	-2.50E-08	-3.20E-08	-3.20E-08	-3.20E-08	-3.20E-08	-1.09E-08
URI (ΔCDF)	4.00E-07	3.98E-07	-4.60E-08	-4.61E-08	-4.62E-08	-4.62E-08	-4.63E-08	-4.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.88E-07**	**3.90E-07**	**-7.10E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	7.00E-09	5.00E-09	-1.06E-08	2.65E-09	2.30E-09	2.63E-09	-6.05E-10	-1.32E-08
URI (ΔCDF)	1.10E-07	1.13E-07	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.17E-07**	**1.20E-07**	**-3.80E-08**	**-2.40E-08**	**-2.50E-08**	**-2.40E-08**	**-2.80E-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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	4.40E-08	4.23E-08	3.74E-08	4.07E-08	3.87E-08	3.83E-08	3.06E-08	1.98E-08
URI (ΔCDF)	-1.30E-09	-1.17E-09	-1.18E-09	-1.31E-09	-1.36E-09	-1.38E-09	-2.16E-09	-2.17E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.27E-08**	**4.10E-08**	**3.60E-08**	**3.90E-08**	**3.70E-08**	**3.70E-08**	**2.80E-08**	**1.80E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	1.40E-07	1.52E-07	1.96E-07	2.70E-07	3.71E-07	3.40E-07	3.19E-07	3.26E-07
URI (ΔCDF)	-2.50E-08	-2.56E-08	-2.66E-08	-2.79E-08	-2.85E-08	-2.81E-08	-2.85E-08	-2.91E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.15E-07**	**1.30E-07**	**1.70E-07**	**2.40E-07**	**3.40E-07**	**3.10E-07**	**2.90E-07**	**3.00E-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	0.000010	0.000012	0.000010	0.000011	0.000011	0.000009	0.000011	0.000011	0.000014	0.000013	0.000013	0.000025
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum activity	0.000013	0.000014	0.000012	0.000014	0.000013	0.000015	0.000013	0.000010	0.000006	0.000008	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.400	1.500	1.400	1.400	1.500	1.500	1.400	1.450	1.350	1.400	1.300	1.400
Technical specification limit	25.0	25.0	25.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.6**	**6.0**	**5.6**	**4.7**	**5.0**	**5.0**	**4.7**	**4.8**	**4.5**	**4.7**	**4.3**	**4.7**
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	1.500	1.500	1.400	1.500	1.400	1.400	1.200	1.300	1.400	1.400	1.400	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**5.0**	**4.7**	**5.0**	**4.7**	**4.7**	**4.0**	**4.3**	**4.7**	**4.7**	**4.7**	**4.7**

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	17.0	12.0	23.0	59.0	43.0	66.0	20.0	112.0
Total opportunities	17.0	12.0	24.0	61.0	43.0	68.0	20.0	113.0
Indicator value	**97.2%**	**97.0%**	**98.5%**	**97.7%**	**97.6%**	**97.4%**	**97.7%**	**98.3%**

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	68.0	69.0	65.0	64.0	65.0	65.0	64.0	63.0
Total Key personnel	68.0	69.0	65.0	66.0	65.0	65.0	64.0	63.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	2145	2142	2140	2144	2143	2144	2144	2136
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

Limerick 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	0	1.0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2024.4	1592.4	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**1.7**	**1.7**	**1.7**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	2.0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2024.4	1592.4	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**0**	**1.6**	**1.6**	**1.7**	**1.7**	**0**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	4.67E-09	9.27E-09	8.01E-09	8.00E-09	7.78E-09	7.98E-09	9.41E-09	1.23E-08
URI (ΔCDF)	6.47E-09	2.54E-08	6.02E-09	6.92E-09	-1.14E-08	6.50E-09	5.95E-09	6.94E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-08**	**3.50E-08**	**1.40E-08**	**1.50E-08**	**-3.60E-09**	**1.40E-08**	**1.50E-08**	**1.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-1.22E-08	-2.50E-08	-3.20E-08	-3.20E-08	-3.20E-08	-3.20E-08	-1.09E-08	-7.05E-09
URI (ΔCDF)	3.98E-07	-4.60E-08	-4.61E-08	-4.62E-08	-4.62E-08	-4.63E-08	-4.64E-08	-4.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.90E-07**	**-7.10E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-5.70E-08**	**-5.30E-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/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	5.00E-09	-1.06E-08	2.65E-09	2.30E-09	2.63E-09	-6.05E-10	-1.32E-08	-1.21E-09
URI (ΔCDF)	1.13E-07	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-07**	**-3.80E-08**	**-2.40E-08**	**-2.50E-08**	**-2.40E-08**	**-2.80E-08**	**-4.00E-08**	**-2.80E-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	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	4.23E-08	3.74E-08	4.07E-08	3.87E-08	3.83E-08	3.06E-08	1.98E-08	1.03E-08
URI (ΔCDF)	-1.17E-09	-1.18E-09	-1.31E-09	-1.36E-09	-1.38E-09	-2.16E-09	-2.17E-09	-2.17E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.10E-08**	**3.60E-08**	**3.90E-08**	**3.70E-08**	**3.70E-08**	**2.80E-08**	**1.80E-08**	**8.20E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	1.52E-07	1.96E-07	2.70E-07	3.71E-07	3.40E-07	3.19E-07	3.26E-07	3.32E-07
URI (ΔCDF)	-2.56E-08	-2.66E-08	-2.79E-08	-2.85E-08	-2.81E-08	-2.85E-08	-2.91E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.70E-07**	**2.40E-07**	**3.40E-07**	**3.10E-07**	**2.90E-07**	**3.00E-07**	**3.00E-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	0.000011	0.000011	0.000009	0.000011	0.000011	0.000014	0.000013	0.000013	0.000025	0.000013	0.000014	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**
Maximum activity	0.000014	0.000013	0.000015	0.000013	0.000010	0.000006	0.000008	0.000007	0.000008	0.000006	0.000006	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum leakage	1.400	1.500	1.500	1.400	1.450	1.350	1.400	1.300	1.400	1.500	1.500	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.0**	**5.0**	**4.7**	**4.8**	**4.5**	**4.7**	**4.3**	**4.7**	**5.0**	**5.0**	**4.7**
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	1.500	1.400	1.400	1.200	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**4.7**	**4.7**	**4.0**	**4.3**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	12.0	23.0	59.0	43.0	66.0	20.0	112.0	56.0
Total opportunities	12.0	24.0	61.0	43.0	68.0	20.0	113.0	57.0
Indicator value	**97.0%**	**98.5%**	**97.7%**	**97.6%**	**97.4%**	**97.7%**	**98.3%**	**98.2%**

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	69.0	65.0	64.0	65.0	65.0	64.0	63.0	65.0
Total Key personnel	69.0	65.0	66.0	65.0	65.0	64.0	63.0	65.0
Indicator value	**100.0%**	**100.0%**	**97.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	2142	2140	2144	2143	2144	2144	2136	2128
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments:

2Q/11: The NRC has determined that the event was not a performance indicator occurence during the Limerick Radiation Instruments inspection from December 12-16, 2011. There is no Color Change associated with this event.

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

Limerick 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	0	1.0	1.0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2024.4	1592.4	2208.0	2209.0	2183.0
Indicator value	**0**	**0**	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**0.9**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	2.0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2024.4	1592.4	2208.0	2209.0	2183.0
Indicator value	**0.8**	**0**	**1.6**	**1.6**	**1.7**	**1.7**	**0**	**0**

Licensee Comments:

1Q/11: IE03 changed from unplanned to planned for the power ascension, which began on 02/28/2011at 22:02 and ended on 3/1/11. This was more than 72 hours after an unplanned manual scram which occurred on 2/25/2011 at 09:12 which meets the definition of a planned power change. No color change is involved.

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	9.27E-09	8.01E-09	8.00E-09	7.78E-09	7.98E-09	9.41E-09	1.23E-08	1.31E-08
URI (ΔCDF)	2.54E-08	6.02E-09	6.92E-09	-1.14E-08	6.50E-09	5.95E-09	6.94E-09	7.44E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.50E-08**	**1.40E-08**	**1.50E-08**	**-3.60E-09**	**1.40E-08**	**1.50E-08**	**1.90E-08**	**2.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	-2.50E-08	-3.20E-08	-3.20E-08	-3.20E-08	-3.20E-08	-1.09E-08	-7.05E-09	4.15E-11
URI (ΔCDF)	-4.60E-08	-4.61E-08	-4.62E-08	-4.62E-08	-4.63E-08	-4.64E-08	-4.64E-08	-4.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.10E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-5.70E-08**	**-5.30E-08**	**-4.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	-1.06E-08	2.65E-09	2.30E-09	2.63E-09	-6.05E-10	-1.32E-08	-1.21E-09	-1.99E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.80E-08**	**-2.40E-08**	**-2.50E-08**	**-2.40E-08**	**-2.80E-08**	**-4.00E-08**	**-2.80E-08**	**-2.90E-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/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	3.74E-08	4.07E-08	3.87E-08	3.83E-08	3.06E-08	1.98E-08	1.03E-08	3.95E-09
URI (ΔCDF)	-1.18E-09	-1.31E-09	-1.36E-09	-1.38E-09	-2.16E-09	-2.17E-09	-2.17E-09	-2.09E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.60E-08**	**3.90E-08**	**3.70E-08**	**3.70E-08**	**2.80E-08**	**1.80E-08**	**8.20E-09**	**1.90E-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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	2.51E-07	3.26E-07	4.27E-07	3.95E-07	3.75E-07	4.20E-07	4.25E-07	4.71E-07
URI (ΔCDF)	-2.66E-08	-2.79E-08	-2.85E-08	-2.81E-08	-2.85E-08	-2.91E-08	-3.00E-08	-3.05E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**3.00E-07**	**4.00E-07**	**3.70E-07**	**3.50E-07**	**3.90E-07**	**4.00E-07**	**4.40E-07**

Licensee Comments:

1Q/12: LGS MSPI Basis Document revision 4 was effective on 01/01/12. This was approved and issued on 12/15/11. This revision incorporated FAQs 11-01 (CW), 11-06, 11-07, 11-08 (EDGs) and other minor changes. No PRA data or factors were changed and there was no impact to historical PI data.

3Q/11: 04/20/12- Station personnel identified errors counting ESW system unavailability hours for cooling water piping to RHR pump 2C motor oil cooler. Added 75.59 UA hours to ESW segment 17. No color thresholds were crossed due to this change. Ref: IR 1291798.

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	0.000011	0.000011	0.000014	0.000013	0.000013	0.000025	0.000013	0.000014	0.000012	0.000014	0.000013	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000013	0.000010	0.000006	0.000008	0.000007	0.000008	0.000006	0.000006	0.000008	0.000006	0.000008	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum leakage	1.400	1.450	1.350	1.400	1.300	1.400	1.500	1.500	1.400	1.500	1.400	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.8**	**4.5**	**4.7**	**4.3**	**4.7**	**5.0**	**5.0**	**4.7**	**5.0**	**4.7**	**4.7**
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	1.200	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.500	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.0**	**4.3**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	23.0	59.0	43.0	66.0	20.0	112.0	56.0	0
Total opportunities	24.0	61.0	43.0	68.0	20.0	113.0	57.0	0
Indicator value	**98.5%**	**97.7%**	**97.6%**	**97.4%**	**97.7%**	**98.3%**	**98.2%**	**98.2%**

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	65.0	64.0	65.0	65.0	64.0	63.0	65.0	64.0
Total Key personnel	65.0	66.0	65.0	65.0	64.0	63.0	65.0	64.0
Indicator value	**100.0%**	**97.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

3Q/10: One Key ERO participant was not previously counted in Aug totals due to an error. The August and September data was revised from a total of 65 to 66 particiants. The PI threshold was not impacted.

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	2140	2144	2143	2144	2144	2136	2128	2141
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.7%**	**99.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/11: The NRC has determined that the event was not a performance indicator occurence during the Limerick Radiation Instruments inspection from December 12-16, 2011. There is no Color Change associated with this event.

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

Limerick 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	0	1.0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2024.4	1592.4	2208.0	2209.0	2183.0	1923.7
Indicator value	**0**	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**0.9**	**0**

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	2.0	0	0	0	0	0	1.0
Critical hours	2208.0	2209.0	2024.4	1592.4	2208.0	2209.0	2183.0	1923.7
Indicator value	**0**	**1.6**	**1.6**	**1.7**	**1.7**	**0**	**0**	**0.8**

Licensee Comments:

1Q/11: IE03 changed from unplanned to planned for the power ascension, which began on 02/28/2011at 22:02 and ended on 3/1/11. This was more than 72 hours after an unplanned manual scram which occurred on 2/25/2011 at 09:12 which meets the definition of a planned power change. No color change is involved.

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	8.01E-09	8.00E-09	7.78E-09	7.98E-09	9.41E-09	1.23E-08	1.31E-08	1.14E-08
URI (ΔCDF)	6.02E-09	6.92E-09	-1.14E-08	6.50E-09	5.95E-09	6.94E-09	7.44E-09	9.97E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-08**	**1.50E-08**	**-3.60E-09**	**1.40E-08**	**1.50E-08**	**1.90E-08**	**2.10E-08**	**2.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**
UAI (ΔCDF)	-3.20E-08	-3.20E-08	-3.20E-08	-3.20E-08	-1.09E-08	-7.05E-09	4.15E-11	1.94E-08
URI (ΔCDF)	-4.61E-08	-4.62E-08	-4.62E-08	-4.63E-08	-4.64E-08	-4.64E-08	-4.65E-08	-4.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-5.70E-08**	**-5.30E-08**	**-4.60E-08**	**-2.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**
UAI (ΔCDF)	2.65E-09	2.30E-09	2.63E-09	-6.05E-10	-1.32E-08	-1.21E-09	-1.99E-09	-3.87E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.40E-08**	**-2.50E-08**	**-2.40E-08**	**-2.80E-08**	**-4.00E-08**	**-2.80E-08**	**-2.90E-08**	**-3.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	4.07E-08	3.87E-08	3.83E-08	3.06E-08	1.98E-08	1.03E-08	3.95E-09	3.26E-09
URI (ΔCDF)	-1.31E-09	-1.36E-09	-1.38E-09	-2.16E-09	-2.17E-09	-2.17E-09	-2.09E-09	-2.07E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.90E-08**	**3.70E-08**	**3.70E-08**	**2.80E-08**	**1.80E-08**	**8.20E-09**	**1.90E-09**	**1.20E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	3.26E-07	4.27E-07	3.95E-07	3.75E-07	4.20E-07	4.25E-07	4.71E-07	4.28E-07
URI (ΔCDF)	-2.79E-08	-2.85E-08	-2.81E-08	-2.85E-08	-2.91E-08	-3.00E-08	-3.05E-08	-3.09E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.00E-07**	**4.00E-07**	**3.70E-07**	**3.50E-07**	**3.90E-07**	**4.00E-07**	**4.40E-07**	**4.00E-07**

Licensee Comments:

1Q/12: LGS MSPI Basis Document revision 4 was effective on 01/01/12. This was approved and issued on 12/15/11. This revision incorporated FAQs 11-01 (CW), 11-06, 11-07, 11-08 (EDGs) and other minor changes. No PRA data or factors were changed and there was no impact to historical PI data.

3Q/11: 04/20/12- Station personnel identified errors counting ESW system unavailability hours for cooling water piping to RHR pump 2C motor oil cooler. Added 75.59 UA hours to ESW segment 17. No color thresholds were crossed due to this change. Ref: IR 1291798.

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	0.000013	0.000013	0.000025	0.000013	0.000014	0.000012	0.000014	0.000013	0.000015	0.000013	0.000010	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000008	0.000007	0.000008	0.000006	0.000006	0.000008	0.000006	0.000008	0.000008	0.000007	0.000008	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum leakage	1.400	1.300	1.400	1.500	1.500	1.400	1.500	1.400	1.400	1.200	1.300	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.3**	**4.7**	**5.0**	**5.0**	**4.7**	**5.0**	**4.7**	**4.7**	**4.0**	**4.3**	**4.7**
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	1.400	1.400	1.400	1.400	1.400	1.400	1.500	1.400	1.300	1.500	1.530	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.3**	**5.0**	**5.1**	**4.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	59.0	43.0	66.0	20.0	112.0	56.0	0	73.0
Total opportunities	61.0	43.0	68.0	20.0	113.0	57.0	0	73.0
Indicator value	**97.7%**	**97.6%**	**97.4%**	**97.7%**	**98.3%**	**98.2%**	**98.2%**	**98.6%**

Licensee Comments: none

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	64.0	65.0	65.0	64.0	63.0	65.0	64.0	66.0
Total Key personnel	66.0	65.0	65.0	64.0	63.0	65.0	64.0	66.0
Indicator value	**97.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

3Q/10: One Key ERO participant was not previously counted in Aug totals due to an error. The August and September data was revised from a total of 65 to 66 particiants. The PI threshold was not impacted.

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	2144	2143	2144	2144	2136	2128	2141	2143
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.7%**	**99.6%**	**99.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/11: The NRC has determined that the event was not a performance indicator occurence during the Limerick Radiation Instruments inspection from December 12-16, 2011. There is no Color Change associated with this event.

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.

Limerick 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	0	1.0	1.0	0	0	0	0	0
Critical hours	2209.0	2024.4	1592.4	2208.0	2209.0	2183.0	1923.7	2155.7
Indicator value	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**0.9**	**0**	**0**

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	2.0	0	0	0	0	0	1.0	1.0
Critical hours	2209.0	2024.4	1592.4	2208.0	2209.0	2183.0	1923.7	2155.7
Indicator value	**1.6**	**1.6**	**1.7**	**1.7**	**0**	**0**	**0.8**	**1.7**

Licensee Comments:

1Q/11: IE03 changed from unplanned to planned for the power ascension, which began on 02/28/2011at 22:02 and ended on 3/1/11. This was more than 72 hours after an unplanned manual scram which occurred on 2/25/2011 at 09:12 which meets the definition of a planned power change. No color change is involved.

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 > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	8.00E-09	7.78E-09	7.98E-09	9.41E-09	1.23E-08	1.31E-08	1.14E-08	1.17E-08
URI (ΔCDF)	6.92E-09	-1.14E-08	6.50E-09	5.95E-09	6.94E-09	7.44E-09	9.97E-09	1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-08**	**-3.60E-09**	**1.40E-08**	**1.50E-08**	**1.90E-08**	**2.10E-08**	**2.10E-08**	**2.20E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	-3.20E-08	-3.20E-08	-3.20E-08	-1.09E-08	-7.05E-09	4.15E-11	1.94E-08	3.83E-08
URI (ΔCDF)	-4.62E-08	-4.62E-08	-4.63E-08	-4.64E-08	-4.64E-08	-4.65E-08	-4.66E-08	-4.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.80E-08**	**-7.80E-08**	**-7.80E-08**	**-5.70E-08**	**-5.30E-08**	**-4.60E-08**	**-2.70E-08**	**-8.30E-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/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	2.30E-09	2.63E-09	-6.05E-10	-1.32E-08	-1.21E-09	-1.99E-09	-3.87E-09	6.66E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.50E-08**	**-2.40E-08**	**-2.80E-08**	**-4.00E-08**	**-2.80E-08**	**-2.90E-08**	**-3.10E-08**	**-2.00E-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/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	3.87E-08	3.83E-08	3.06E-08	1.98E-08	1.03E-08	3.95E-09	3.26E-09	1.21E-08
URI (ΔCDF)	-1.36E-09	-1.38E-09	-2.16E-09	-2.17E-09	-2.17E-09	-2.09E-09	-2.07E-09	-2.07E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-08**	**3.70E-08**	**2.80E-08**	**1.80E-08**	**8.20E-09**	**1.90E-09**	**1.20E-09**	**1.00E-08**

Licensee Comments: none

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	4.27E-07	3.95E-07	3.75E-07	4.20E-07	4.25E-07	4.71E-07	4.28E-07	4.00E-07
URI (ΔCDF)	-2.85E-08	-2.81E-08	-2.85E-08	-2.91E-08	-3.00E-08	-3.05E-08	-3.09E-08	-3.12E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-07**	**3.70E-07**	**3.50E-07**	**3.90E-07**	**4.00E-07**	**4.40E-07**	**4.00E-07**	**3.70E-07**

Licensee Comments:

1Q/12: LGS MSPI Basis Document revision 4 was effective on 01/01/12. This was approved and issued on 12/15/11. This revision incorporated FAQs 11-01 (CW), 11-06, 11-07, 11-08 (EDGs) and other minor changes. No PRA data or factors were changed and there was no impact to historical PI data.

3Q/11: 04/20/12- Station personnel identified errors counting ESW system unavailability hours for cooling water piping to RHR pump 2C motor oil cooler. Added 75.59 UA hours to ESW segment 17. No color thresholds were crossed due to this change. Ref: IR 1291798.

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	0.000013	0.000014	0.000012	0.000014	0.000013	0.000015	0.000013	0.000010	0.000006	0.000008	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000006	0.000006	0.000008	0.000006	0.000008	0.000008	0.000007	0.000008	0.000010	0.000008	0.000014	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum leakage	1.500	1.500	1.400	1.500	1.400	1.400	1.200	1.300	1.400	1.400	1.400	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**5.0**	**4.7**	**5.0**	**4.7**	**4.7**	**4.0**	**4.3**	**4.7**	**4.7**	**4.7**	**4.7**
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	1.400	1.400	1.400	1.500	1.400	1.300	1.500	1.530	1.300	1.300	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.3**	**5.0**	**5.1**	**4.3**	**4.3**	**4.7**	**4.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	43.0	66.0	20.0	112.0	56.0	0	73.0	26.0
Total opportunities	43.0	68.0	20.0	113.0	57.0	0	73.0	28.0
Indicator value	**97.6%**	**97.4%**	**97.7%**	**98.3%**	**98.2%**	**98.2%**	**98.6%**	**98.5%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	65.0	65.0	64.0	63.0	65.0	64.0	66.0	62.0
Total Key personnel	65.0	65.0	64.0	63.0	65.0	64.0	66.0	63.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.4%**

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	2143	2144	2144	2136	2128	2141	2143	2141
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.7%**	**99.6%**	**99.6%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/11: The NRC has determined that the event was not a performance indicator occurence during the Limerick Radiation Instruments inspection from December 12-16, 2011. There is no Color Change associated with this event.

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

Limerick 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	1.0	1.0	0	0	0	0	0	0
Critical hours	2024.4	1592.4	2208.0	2209.0	2183.0	1923.7	2155.7	2209.0
Indicator value	**0.8**	**1.7**	**1.7**	**1.7**	**0.9**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	2024.4	1592.4	2208.0	2209.0	2183.0	1923.7	2155.7	2209.0
Indicator value	**1.6**	**1.7**	**1.7**	**0**	**0**	**0.8**	**1.7**	**1.7**

Licensee Comments:

1Q/11: IE03 changed from unplanned to planned for the power ascension, which began on 02/28/2011at 22:02 and ended on 3/1/11. This was more than 72 hours after an unplanned manual scram which occurred on 2/25/2011 at 09:12 which meets the definition of a planned power change. No color change is involved.

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	7.78E-09	7.98E-09	9.41E-09	1.23E-08	1.31E-08	1.14E-08	1.17E-08	1.27E-08
URI (ΔCDF)	-1.14E-08	6.50E-09	5.95E-09	6.94E-09	7.44E-09	9.97E-09	1.00E-08	1.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.60E-09**	**1.40E-08**	**1.50E-08**	**1.90E-08**	**2.10E-08**	**2.10E-08**	**2.20E-08**	**2.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	-3.20E-08	-3.20E-08	-1.09E-08	-7.05E-09	4.15E-11	1.94E-08	3.83E-08	3.92E-08
URI (ΔCDF)	-4.62E-08	-4.63E-08	-4.64E-08	-4.64E-08	-4.65E-08	-4.66E-08	-4.66E-08	-4.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.80E-08**	**-7.80E-08**	**-5.70E-08**	**-5.30E-08**	**-4.60E-08**	**-2.70E-08**	**-8.30E-09**	**-7.40E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	2.63E-09	-6.05E-10	-1.32E-08	-1.21E-09	-1.99E-09	-3.87E-09	6.66E-09	-5.37E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.40E-08**	**-2.80E-08**	**-4.00E-08**	**-2.80E-08**	**-2.90E-08**	**-3.10E-08**	**-2.00E-08**	**-3.20E-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	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	3.83E-08	3.06E-08	1.98E-08	1.03E-08	3.95E-09	3.26E-09	1.21E-08	1.10E-08
URI (ΔCDF)	-1.38E-09	-2.16E-09	-2.17E-09	-2.17E-09	-2.09E-09	-2.07E-09	-2.07E-09	-2.06E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-08**	**2.80E-08**	**1.80E-08**	**8.20E-09**	**1.90E-09**	**1.20E-09**	**1.00E-08**	**8.90E-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	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	3.95E-07	3.75E-07	4.20E-07	4.25E-07	4.71E-07	4.28E-07	4.00E-07	4.01E-07
URI (ΔCDF)	-2.81E-08	-2.85E-08	-2.91E-08	-3.00E-08	-3.05E-08	-3.09E-08	-3.12E-08	-3.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-07**	**3.50E-07**	**3.90E-07**	**4.00E-07**	**4.40E-07**	**4.00E-07**	**3.70E-07**	**3.70E-07**

Licensee Comments:

1Q/12: LGS MSPI Basis Document revision 4 was effective on 01/01/12. This was approved and issued on 12/15/11. This revision incorporated FAQs 11-01 (CW), 11-06, 11-07, 11-08 (EDGs) and other minor changes. No PRA data or factors were changed and there was no impact to historical PI data.

3Q/11: 04/20/12- Station personnel identified errors counting ESW system unavailability hours for cooling water piping to RHR pump 2C motor oil cooler. Added 75.59 UA hours to ESW segment 17. No color thresholds were crossed due to this change. Ref: IR 1291798.

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	0.000014	0.000013	0.000015	0.000013	0.000010	0.000006	0.000008	0.000007	0.000008	0.000006	0.000006	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum activity	0.000006	0.000008	0.000008	0.000007	0.000008	0.000010	0.000008	0.000014	0.000008	0.000008	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**
Maximum leakage	1.500	1.400	1.400	1.200	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**4.7**	**4.7**	**4.0**	**4.3**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**
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	1.500	1.400	1.300	1.500	1.530	1.300	1.300	1.400	1.300	1.400	1.500	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**4.7**	**4.3**	**5.0**	**5.1**	**4.3**	**4.3**	**4.7**	**4.3**	**4.7**	**5.0**	**4.7**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	66.0	20.0	112.0	56.0	0	73.0	26.0	27.0
Total opportunities	68.0	20.0	113.0	57.0	0	73.0	28.0	27.0
Indicator value	**97.4%**	**97.7%**	**98.3%**	**98.2%**	**98.2%**	**98.6%**	**98.5%**	**98.4%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	65.0	64.0	63.0	65.0	64.0	66.0	62.0	65.0
Total Key personnel	65.0	64.0	63.0	65.0	64.0	66.0	63.0	65.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.4%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	2144	2144	2136	2128	2141	2143	2141	2309
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2310
Indicator value	**99.9%**	**99.9%**	**99.8%**	**99.7%**	**99.6%**	**99.6%**	**99.7%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/11: The NRC has determined that the event was not a performance indicator occurence during the Limerick Radiation Instruments inspection from December 12-16, 2011. There is no Color Change associated with this event.

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Last Modified: January 23, 2013

Limerick 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	1.0	0	0	0	0	0	0	0
Critical hours	1592.4	2208.0	2209.0	2183.0	1923.7	2155.7	2209.0	1993.2
Indicator value	**1.7**	**1.7**	**1.7**	**0.9**	**0**	**0**	**0**	**0**

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	0	0	0	1.0	1.0	0	0
Critical hours	1592.4	2208.0	2209.0	2183.0	1923.7	2155.7	2209.0	1993.2
Indicator value	**1.7**	**1.7**	**0**	**0**	**0.8**	**1.7**	**1.7**	**1.7**

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

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	7.98E-09	9.41E-09	1.23E-08	1.31E-08	1.14E-08	1.17E-08	1.27E-08	1.28E-08
URI (ΔCDF)	6.50E-09	5.95E-09	6.94E-09	7.44E-09	9.97E-09	1.00E-08	1.08E-08	1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-08**	**1.50E-08**	**1.90E-08**	**2.10E-08**	**2.10E-08**	**2.20E-08**	**2.40E-08**	**2.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-3.20E-08	-1.09E-08	-7.05E-09	4.15E-11	1.94E-08	3.83E-08	3.92E-08	3.82E-08
URI (ΔCDF)	-4.63E-08	-4.64E-08	-4.64E-08	-4.65E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.80E-08**	**-5.70E-08**	**-5.30E-08**	**-4.60E-08**	**-2.70E-08**	**-8.30E-09**	**-7.40E-09**	**-8.50E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-6.05E-10	-1.32E-08	-1.21E-09	-1.99E-09	-3.87E-09	6.66E-09	-5.37E-09	-1.37E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-08**	**-4.00E-08**	**-2.80E-08**	**-2.90E-08**	**-3.10E-08**	**-2.00E-08**	**-3.20E-08**	**-2.80E-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	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	3.06E-08	1.98E-08	1.03E-08	3.95E-09	3.26E-09	1.21E-08	1.10E-08	1.44E-08
URI (ΔCDF)	-2.16E-09	-2.17E-09	-2.17E-09	-2.09E-09	-2.07E-09	-2.07E-09	-2.06E-09	-2.09E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-08**	**1.80E-08**	**8.20E-09**	**1.90E-09**	**1.20E-09**	**1.00E-08**	**8.90E-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/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	3.75E-07	4.20E-07	4.25E-07	4.71E-07	4.28E-07	4.00E-07	4.01E-07	4.22E-07
URI (ΔCDF)	-2.85E-08	-2.91E-08	-3.00E-08	-3.05E-08	-3.09E-08	-3.12E-08	-3.14E-08	-2.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.50E-07**	**3.90E-07**	**4.00E-07**	**4.40E-07**	**4.00E-07**	**3.70E-07**	**3.70E-07**	**3.90E-07**

Licensee Comments:

1Q/12: LGS MSPI Basis Document revision 4 was effective on 01/01/12. This was approved and issued on 12/15/11. This revision incorporated FAQs 11-01 (CW), 11-06, 11-07, 11-08 (EDGs) and other minor changes. No PRA data or factors were changed and there was no impact to historical PI data.

3Q/11: 04/20/12- Station personnel identified errors counting ESW system unavailability hours for cooling water piping to RHR pump 2C motor oil cooler. Added 75.59 UA hours to ESW segment 17. No color thresholds were crossed due to this change. Ref: IR 1291798.

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	0.000013	0.000010	0.000006	0.000008	0.000007	0.000008	0.000006	0.000006	0.000008	0.000006	0.000008	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum activity	0.000007	0.000008	0.000010	0.000008	0.000014	0.000008	0.000008	0.000007	0.000008	0.000007	0.000007	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	1.200	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.500	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.0**	**4.3**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.3**
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	1.500	1.530	1.300	1.300	1.400	1.300	1.400	1.500	1.400	1.400	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**5.1**	**4.3**	**4.3**	**4.7**	**4.3**	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**4.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	20.0	112.0	56.0	6.0	73.0	26.0	28.0	24.0
Total opportunities	20.0	113.0	57.0	6.0	73.0	28.0	28.0	24.0
Indicator value	**97.7%**	**98.3%**	**98.2%**	**98.2%**	**98.6%**	**98.5%**	**98.5%**	**98.9%**

Licensee Comments:

4Q/12: Total and Successful number of DEP opportunities data was corrected for Oct 2012. Oct 2012 data changed from 16 to 17 to include a DEP opportunity from an Ops Training Drill/Exercise held in Oct 2012. Quarterly data changed from 27 to 28 total opportunities. No threshold changes occurred (4/15/13).

1Q/12: Total and Successful number of DEP opportunities data was corrected for Jan and Mar 2012. Jan and Mar 2012 data changed from 0 to 3 to include DEP opportunities from Peach Bottom Drill/Exercises held in Jan and Mar 2012 where the shared Emergency Offsite Facility (EOF) participated. Quarterly data changed from 0 to 6. No threshold changes occurred. (4/15/13).

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	64.0	63.0	65.0	64.0	66.0	62.0	65.0	68.0
Total Key personnel	64.0	63.0	65.0	64.0	66.0	63.0	65.0	68.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.4%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	2144	2136	2128	2141	2143	2141	2309	1980
Total sirens-tests	2145	2145	2145	2145	2145	2145	2310	1980
Indicator value	**99.9%**	**99.8%**	**99.7%**	**99.6%**	**99.6%**	**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/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/11: The NRC has determined that the event was not a performance indicator occurence during the Limerick Radiation Instruments inspection from December 12-16, 2011. There is no Color Change associated with this event.

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

Limerick 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	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	1923.7	2155.7	2209.0	1993.2	1785.5
Indicator value	**1.7**	**1.7**	**0.9**	**0**	**0**	**0**	**0**	**0**

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	0	0	0	1.0	1.0	0	0	0
Critical hours	2208.0	2209.0	2183.0	1923.7	2155.7	2209.0	1993.2	1785.5
Indicator value	**1.7**	**0**	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**0.9**

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	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 > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**

Licensee Comments:

4Q/12: 7/21/13- LER 2012-007-00 issued 10/19/12 for Unit 1 and Unit 2 for Inoperable Primary Containment Isolation Valves which occurred on 08/20/2012. This event does not result in any threshold or color change to the indicator.

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)	9.41E-09	1.23E-08	1.31E-08	1.14E-08	1.17E-08	1.27E-08	1.28E-08	8.08E-09
URI (ΔCDF)	5.95E-09	6.94E-09	7.44E-09	9.97E-09	1.00E-08	3.07E-08	3.13E-08	3.05E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-08**	**1.90E-08**	**2.10E-08**	**2.10E-08**	**2.20E-08**	**4.30E-08**	**4.40E-08**	**3.90E-08**

Licensee Comments:

4Q/12: 7/21/13- A MSPI Run Failure on 11/13/12 was added to EDG D24. The change resulted from engineering evaluation of the failed lube oil piping component. The correction affected 4Q 2012 and 1Q 2013 MSPI but did not result in any color change or threshold being exceeded.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	-1.09E-08	-7.05E-09	4.15E-11	1.94E-08	3.83E-08	3.92E-08	3.82E-08	2.02E-08
URI (ΔCDF)	-4.64E-08	-4.64E-08	-4.65E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-08**	**-5.30E-08**	**-4.60E-08**	**-2.70E-08**	**-8.30E-09**	**-7.40E-09**	**-8.50E-09**	**-2.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	-1.32E-08	-1.21E-09	-1.99E-09	-3.87E-09	6.66E-09	-5.37E-09	-1.37E-09	-1.71E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-2.80E-08**	**-2.90E-08**	**-3.10E-08**	**-2.00E-08**	**-3.20E-08**	**-2.80E-08**	**-2.90E-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	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	1.98E-08	1.03E-08	3.95E-09	3.26E-09	1.21E-08	1.10E-08	1.44E-08	2.96E-08
URI (ΔCDF)	-2.17E-09	-2.17E-09	-2.09E-09	-2.07E-09	-2.07E-09	-2.06E-09	-2.09E-09	-2.15E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-08**	**8.20E-09**	**1.90E-09**	**1.20E-09**	**1.00E-08**	**8.90E-09**	**1.20E-08**	**2.70E-08**

Licensee Comments: none

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)	4.20E-07	4.25E-07	4.71E-07	4.28E-07	4.00E-07	4.01E-07	4.22E-07	3.84E-07
URI (ΔCDF)	-2.91E-08	-3.00E-08	-3.05E-08	-3.09E-08	-3.12E-08	-3.14E-08	-2.96E-08	-2.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.90E-07**	**4.00E-07**	**4.40E-07**	**4.00E-07**	**3.70E-07**	**3.70E-07**	**3.90E-07**	**3.50E-07**

Licensee Comments:

1Q/12: LGS MSPI Basis Document revision 4 was effective on 01/01/12. This was approved and issued on 12/15/11. This revision incorporated FAQs 11-01 (CW), 11-06, 11-07, 11-08 (EDGs) and other minor changes. No PRA data or factors were changed and there was no impact to historical PI data.

3Q/11: 04/20/12- Station personnel identified errors counting ESW system unavailability hours for cooling water piping to RHR pump 2C motor oil cooler. Added 75.59 UA hours to ESW segment 17. No color thresholds were crossed due to this change. Ref: IR 1291798.

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	0.000008	0.000007	0.000008	0.000006	0.000006	0.000008	0.000006	0.000008	0.000008	0.000007	0.000008	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**
Maximum activity	0.000008	0.000014	0.000008	0.000008	0.000007	0.000008	0.000007	0.000007	0.000007	0.000009	0.000006	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum leakage	1.400	1.400	1.400	1.400	1.400	1.400	1.500	1.400	1.300	1.500	1.530	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.3**	**5.0**	**5.1**	**4.3**
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	1.300	1.400	1.300	1.400	1.500	1.400	1.400	1.400	1.300	1.500	1.800	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.3**	**4.7**	**4.3**	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**4.3**	**5.0**	**6.0**	**4.7**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	112.0	56.0	6.0	73.0	26.0	28.0	24.0	12.0
Total opportunities	113.0	57.0	6.0	73.0	28.0	28.0	24.0	12.0
Indicator value	**98.3%**	**98.2%**	**98.2%**	**98.6%**	**98.5%**	**98.5%**	**98.9%**	**98.8%**

Licensee Comments:

4Q/12: Total and Successful number of DEP opportunities data was corrected for Oct 2012. Oct 2012 data changed from 16 to 17 to include a DEP opportunity from an Ops Training Drill/Exercise held in Oct 2012. Quarterly data changed from 27 to 28 total opportunities. No threshold changes occurred (4/15/13).

1Q/12: Total and Successful number of DEP opportunities data was corrected for Jan and Mar 2012. Jan and Mar 2012 data changed from 0 to 3 to include DEP opportunities from Peach Bottom Drill/Exercises held in Jan and Mar 2012 where the shared Emergency Offsite Facility (EOF) participated. Quarterly data changed from 0 to 6. No threshold changes occurred. (4/15/13).

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	63.0	65.0	64.0	66.0	62.0	65.0	68.0	68.0
Total Key personnel	63.0	65.0	64.0	66.0	63.0	65.0	68.0	68.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.4%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	2136	2128	2141	2143	2141	2309	1980	2145
Total sirens-tests	2145	2145	2145	2145	2145	2310	1980	2145
Indicator value	**99.8%**	**99.7%**	**99.6%**	**99.6%**	**99.7%**	**99.9%**	**99.9%**	**99.9%**

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	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/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

Limerick 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	0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	1923.7	2155.7	2209.0	1993.2	1785.5	2208.0
Indicator value	**1.7**	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**

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	1.0	1.0	0	0	0	0
Critical hours	2209.0	2183.0	1923.7	2155.7	2209.0	1993.2	1785.5	2208.0
Indicator value	**0**	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**0.9**	**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	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 > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
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/12: 7/21/13- LER 2012-007-00 issued 10/19/12 for Unit 1 and Unit 2 for Inoperable Primary Containment Isolation Valves which occurred on 08/20/2012. This event does not result in any threshold or color change to the indicator.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	1.23E-08	1.31E-08	1.14E-08	1.17E-08	1.27E-08	1.28E-08	8.08E-09	9.51E-09
URI (ΔCDF)	6.94E-09	7.44E-09	9.97E-09	1.00E-08	3.07E-08	3.13E-08	3.05E-08	3.39E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-08**	**2.10E-08**	**2.10E-08**	**2.20E-08**	**4.30E-08**	**4.40E-08**	**3.90E-08**	**4.30E-08**

Licensee Comments:

4Q/12: 7/21/13- A MSPI Run Failure on 11/13/12 was added to EDG D24. The change resulted from engineering evaluation of the failed lube oil piping component. The correction affected 4Q 2012 and 1Q 2013 MSPI but did not result in any color change or threshold being exceeded.

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)	-7.05E-09	4.15E-11	1.94E-08	3.83E-08	3.92E-08	3.82E-08	2.02E-08	1.87E-08
URI (ΔCDF)	-4.64E-08	-4.65E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.30E-08**	**-4.60E-08**	**-2.70E-08**	**-8.30E-09**	**-7.40E-09**	**-8.50E-09**	**-2.60E-08**	**-2.80E-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/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-1.21E-09	-1.99E-09	-3.87E-09	6.66E-09	-5.37E-09	-1.37E-09	-1.71E-09	-1.54E-08
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-08**	**-2.90E-08**	**-3.10E-08**	**-2.00E-08**	**-3.20E-08**	**-2.80E-08**	**-2.90E-08**	**-4.20E-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/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	1.03E-08	3.95E-09	3.26E-09	1.21E-08	1.10E-08	1.44E-08	2.96E-08	3.15E-08
URI (ΔCDF)	-2.17E-09	-2.09E-09	-2.07E-09	-2.07E-09	-2.06E-09	-2.09E-09	-2.15E-09	-2.03E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.20E-09**	**1.90E-09**	**1.20E-09**	**1.00E-08**	**8.90E-09**	**1.20E-08**	**2.70E-08**	**2.90E-08**

Licensee Comments: none

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)	4.25E-07	4.71E-07	4.28E-07	4.00E-07	4.01E-07	4.22E-07	3.84E-07	3.02E-07
URI (ΔCDF)	-3.00E-08	-3.05E-08	-3.09E-08	-3.12E-08	-3.14E-08	-2.96E-08	-2.92E-08	-2.86E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-07**	**4.40E-07**	**4.00E-07**	**3.70E-07**	**3.70E-07**	**3.90E-07**	**3.50E-07**	**2.70E-07**

Licensee Comments:

1Q/12: LGS MSPI Basis Document revision 4 was effective on 01/01/12. This was approved and issued on 12/15/11. This revision incorporated FAQs 11-01 (CW), 11-06, 11-07, 11-08 (EDGs) and other minor changes. No PRA data or factors were changed and there was no impact to historical PI data.

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	0.000006	0.000006	0.000008	0.000006	0.000008	0.000008	0.000007	0.000008	0.000010	0.000008	0.000014	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum activity	0.000008	0.000007	0.000008	0.000007	0.000007	0.000007	0.000009	0.000006	0.000005	0.000007	0.000006	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**
Maximum leakage	1.400	1.400	1.400	1.500	1.400	1.300	1.500	1.530	1.300	1.300	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.3**	**5.0**	**5.1**	**4.3**	**4.3**	**4.7**	**4.3**
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	1.400	1.500	1.400	1.400	1.400	1.300	1.500	1.800	1.400	1.600	1.700	1.700
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**4.3**	**5.0**	**6.0**	**4.7**	**5.3**	**5.7**	**5.7**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	56.0	6.0	73.0	26.0	28.0	24.0	12.0	46.0
Total opportunities	57.0	6.0	73.0	28.0	28.0	24.0	12.0	48.0
Indicator value	**98.2%**	**98.2%**	**98.6%**	**98.5%**	**98.5%**	**98.9%**	**98.8%**	**98.2%**

Licensee Comments:

4Q/12: Total and Successful number of DEP opportunities data was corrected for Oct 2012. Oct 2012 data changed from 16 to 17 to include a DEP opportunity from an Ops Training Drill/Exercise held in Oct 2012. Quarterly data changed from 27 to 28 total opportunities. No threshold changes occurred (4/15/13).

1Q/12: Total and Successful number of DEP opportunities data was corrected for Jan and Mar 2012. Jan and Mar 2012 data changed from 0 to 3 to include DEP opportunities from Peach Bottom Drill/Exercises held in Jan and Mar 2012 where the shared Emergency Offsite Facility (EOF) participated. Quarterly data changed from 0 to 6. No threshold changes occurred. (4/15/13).

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	65.0	64.0	66.0	62.0	65.0	68.0	68.0	66.0
Total Key personnel	65.0	64.0	66.0	63.0	65.0	68.0	68.0	66.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**98.4%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	2128	2141	2143	2141	2309	1980	2145	2310
Total sirens-tests	2145	2145	2145	2145	2310	1980	2145	2310
Indicator value	**99.7%**	**99.6%**	**99.6%**	**99.7%**	**99.9%**	**99.9%**	**99.9%**	**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	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/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

Limerick 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	0	0	0	0
Critical hours	2183.0	1923.7	2155.7	2209.0	1993.2	1785.5	2208.0	2209.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2183.0	1923.7	2155.7	2209.0	1993.2	1785.5	2208.0	2209.0
Indicator value	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**0.9**	**0**	**0**

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	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 > 6.0

Notes

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

Licensee Comments:

4Q/13: LER 2013-002 - LGS Unit 1 and Unit 2, Condition That Could Have Prevented Fullfillment of the Offsite Power Safety Function, was issued on 10/04/13 and occurred on 8/05/13. No PI threshold or color change resulted from this event.

4Q/12: 7/21/13- LER 2012-007-00 issued 10/19/12 for Unit 1 and Unit 2 for Inoperable Primary Containment Isolation Valves which occurred on 08/20/2012. This event does not result in any threshold or color change to the indicator.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	1.31E-08	1.14E-08	1.17E-08	1.27E-08	1.28E-08	8.08E-09	9.51E-09	1.19E-08
URI (ΔCDF)	7.44E-09	9.97E-09	1.00E-08	3.07E-08	3.13E-08	3.05E-08	3.39E-08	3.43E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-08**	**2.10E-08**	**2.20E-08**	**4.30E-08**	**4.40E-08**	**3.90E-08**	**4.30E-08**	**4.60E-08**

Licensee Comments:

4Q/12: 7/21/13- A MSPI Run Failure on 11/13/12 was added to EDG D24. The change resulted from engineering evaluation of the failed lube oil piping component. The correction affected 4Q 2012 and 1Q 2013 MSPI but did not result in any color change or threshold being exceeded.

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)	4.15E-11	1.94E-08	3.83E-08	3.92E-08	3.82E-08	2.02E-08	1.87E-08	8.78E-09
URI (ΔCDF)	-4.65E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.60E-08**	**-2.70E-08**	**-8.30E-09**	**-7.40E-09**	**-8.50E-09**	**-2.60E-08**	**-2.80E-08**	**-3.80E-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	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-1.99E-09	-3.87E-09	6.66E-09	-5.37E-09	-1.37E-09	-1.71E-09	-1.54E-08	-1.24E-10
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-08**	**-3.10E-08**	**-2.00E-08**	**-3.20E-08**	**-2.80E-08**	**-2.90E-08**	**-4.20E-08**	**-2.70E-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	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	3.95E-09	3.26E-09	1.21E-08	1.10E-08	1.44E-08	2.96E-08	3.15E-08	2.44E-08
URI (ΔCDF)	-2.09E-09	-2.07E-09	-2.07E-09	-2.06E-09	-2.09E-09	-2.15E-09	-2.03E-09	-1.98E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-09**	**1.20E-09**	**1.00E-08**	**8.90E-09**	**1.20E-08**	**2.70E-08**	**2.90E-08**	**2.20E-08**

Licensee Comments: none

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)	4.71E-07	4.28E-07	4.00E-07	4.01E-07	4.22E-07	3.84E-07	3.02E-07	1.97E-07
URI (ΔCDF)	-3.05E-08	-3.09E-08	-3.12E-08	-3.14E-08	-2.96E-08	-2.92E-08	-2.86E-08	-2.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.40E-07**	**4.00E-07**	**3.70E-07**	**3.70E-07**	**3.90E-07**	**3.50E-07**	**2.70E-07**	**1.70E-07**

Licensee Comments:

1Q/12: LGS MSPI Basis Document revision 4 was effective on 01/01/12. This was approved and issued on 12/15/11. This revision incorporated FAQs 11-01 (CW), 11-06, 11-07, 11-08 (EDGs) and other minor changes. No PRA data or factors were changed and there was no impact to historical PI data.

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum activity	0.000006	0.000008	0.000008	0.000007	0.000008	0.000010	0.000008	0.000014	0.000008	0.000008	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum activity	0.000007	0.000007	0.000007	0.000006	0.000006	0.000005	0.000007	0.000006	0.000006	0.000006	0.000007	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/13: April 2013 Data was changed from 0.000009 to 0.000006 due to error discovered that non steadystate value was used. No color change resulted from this correction.

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	1.500	1.400	1.300	1.500	1.530	1.300	1.300	1.400	1.300	1.400	1.500	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**4.7**	**4.3**	**5.0**	**5.1**	**4.3**	**4.3**	**4.7**	**4.3**	**4.7**	**5.0**	**4.7**
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	1.400	1.400	1.300	1.500	1.800	1.400	1.600	1.700	1.700	1.500	1.700	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**4.3**	**5.0**	**6.0**	**4.7**	**5.3**	**5.7**	**5.7**	**5.0**	**5.7**	**5.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	6.0	73.0	26.0	28.0	24.0	12.0	43.0	30.0
Total opportunities	6.0	73.0	28.0	28.0	24.0	12.0	45.0	31.0
Indicator value	**98.2%**	**98.6%**	**98.5%**	**98.5%**	**98.9%**	**98.8%**	**98.2%**	**98.0%**

Licensee Comments:

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

4Q/12: Total and Successful number of DEP opportunities data was corrected for Oct 2012. Oct 2012 data changed from 16 to 17 to include a DEP opportunity from an Ops Training Drill/Exercise held in Oct 2012. Quarterly data changed from 27 to 28 total opportunities. No threshold changes occurred (4/15/13).

1Q/12: Total and Successful number of DEP opportunities data was corrected for Jan and Mar 2012. Jan and Mar 2012 data changed from 0 to 3 to include DEP opportunities from Peach Bottom Drill/Exercises held in Jan and Mar 2012 where the shared Emergency Offsite Facility (EOF) participated. Quarterly data changed from 0 to 6. No threshold changes occurred. (4/15/13).

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	64.0	66.0	62.0	65.0	68.0	68.0	66.0	63.0
Total Key personnel	64.0	66.0	63.0	65.0	68.0	68.0	66.0	63.0
Indicator value	**100.0%**	**100.0%**	**98.4%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	2141	2143	2141	2309	1980	2145	2310	2144
Total sirens-tests	2145	2145	2145	2310	1980	2145	2310	2145
Indicator value	**99.6%**	**99.6%**	**99.7%**	**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	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

Limerick 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	0	0	0	0	0
Critical hours	1923.7	2155.7	2209.0	1993.2	1785.5	2208.0	2209.0	2159.0
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/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	1923.7	2155.7	2209.0	1993.2	1785.5	2208.0	2209.0	2159.0
Indicator value	**0.8**	**1.7**	**1.7**	**1.7**	**0.9**	**0**	**0**	**0**

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	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 > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	0	0	1	0	0	0	1	0
Indicator value	**0**	**0**	**1**	**1**	**1**	**1**	**1**	**1**

Licensee Comments:

4Q/13: LER 2013-002 - LGS Unit 1 and Unit 2, Condition That Could Have Prevented Fullfillment of the Offsite Power Safety Function, was issued on 10/04/13 and occurred on 8/05/13. No PI threshold or color change resulted from this event.

4Q/12: 7/21/13- LER 2012-007-00 issued 10/19/12 for Unit 1 and Unit 2 for Inoperable Primary Containment Isolation Valves which occurred on 08/20/2012. This event does not result in any threshold or color change to the indicator.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	1.14E-08	1.17E-08	1.27E-08	1.28E-08	8.08E-09	9.51E-09	1.19E-08	1.20E-08
URI (ΔCDF)	9.97E-09	1.00E-08	3.07E-08	3.13E-08	3.05E-08	3.39E-08	3.43E-08	3.37E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-08**	**2.20E-08**	**4.30E-08**	**4.40E-08**	**3.90E-08**	**4.30E-08**	**4.60E-08**	**4.60E-08**

Licensee Comments:

4Q/12: 7/21/13- A MSPI Run Failure on 11/13/12 was added to EDG D24. The change resulted from engineering evaluation of the failed lube oil piping component. The correction affected 4Q 2012 and 1Q 2013 MSPI but did not result in any color change or threshold being exceeded.

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)	1.94E-08	3.83E-08	3.92E-08	3.82E-08	2.02E-08	1.87E-08	8.78E-09	7.12E-09
URI (ΔCDF)	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.70E-08**	**-8.30E-09**	**-7.40E-09**	**-8.50E-09**	**-2.60E-08**	**-2.80E-08**	**-3.80E-08**	**-4.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-3.87E-09	6.66E-09	-5.37E-09	-1.37E-09	-1.71E-09	-1.54E-08	-1.24E-10	-7.20E-10
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.10E-08**	**-2.00E-08**	**-3.20E-08**	**-2.80E-08**	**-2.90E-08**	**-4.20E-08**	**-2.70E-08**	**-2.80E-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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	3.26E-09	1.21E-08	1.10E-08	1.44E-08	2.96E-08	3.15E-08	2.44E-08	3.57E-08
URI (ΔCDF)	-2.07E-09	-2.07E-09	-2.06E-09	-2.09E-09	-2.15E-09	-2.03E-09	-1.98E-09	-1.89E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-09**	**1.00E-08**	**8.90E-09**	**1.20E-08**	**2.70E-08**	**2.90E-08**	**2.20E-08**	**3.40E-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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	4.28E-07	4.00E-07	4.01E-07	4.22E-07	3.84E-07	3.02E-07	1.97E-07	1.55E-07
URI (ΔCDF)	-3.09E-08	-3.12E-08	-3.14E-08	-2.96E-08	-2.92E-08	-2.86E-08	-2.83E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-07**	**3.70E-07**	**3.70E-07**	**3.90E-07**	**3.50E-07**	**2.70E-07**	**1.70E-07**	**1.30E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum activity	0.000007	0.000008	0.000010	0.000008	0.000014	0.000008	0.000008	0.000007	0.000008	0.000007	0.000007	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum activity	0.000006	0.000006	0.000005	0.000007	0.000006	0.000006	0.000006	0.000007	0.000006	0.000006	0.000007	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/13: April 2013 Data was changed from 0.000009 to 0.000006 due to error discovered that non steadystate value was used. No color change resulted from this correction.

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	1.500	1.530	1.300	1.300	1.400	1.300	1.400	1.500	1.400	1.400	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**5.1**	**4.3**	**4.3**	**4.7**	**4.3**	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**4.3**
Reactor Coolant System Leakage	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum leakage	1.500	1.800	1.400	1.600	1.700	1.700	1.500	1.700	1.600	1.600	1.790	1.500
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**6.0**	**4.7**	**5.3**	**5.7**	**5.7**	**5.0**	**5.7**	**5.3**	**5.3**	**6.0**	**5.0**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	73.0	26.0	28.0	24.0	12.0	43.0	30.0	38.0
Total opportunities	73.0	28.0	28.0	24.0	12.0	45.0	31.0	38.0
Indicator value	**98.6%**	**98.5%**	**98.5%**	**98.9%**	**98.8%**	**98.2%**	**98.0%**	**98.2%**

Licensee Comments:

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

4Q/12: Total and Successful number of DEP opportunities data was corrected for Oct 2012. Oct 2012 data changed from 16 to 17 to include a DEP opportunity from an Ops Training Drill/Exercise held in Oct 2012. Quarterly data changed from 27 to 28 total opportunities. No threshold changes occurred (4/15/13).

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	66.0	62.0	65.0	68.0	68.0	66.0	63.0	64.0
Total Key personnel	66.0	63.0	65.0	68.0	68.0	66.0	63.0	64.0
Indicator value	**100.0%**	**98.4%**	**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/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	2143	2141	2309	1980	2145	2310	2144	2143
Total sirens-tests	2145	2145	2310	1980	2145	2310	2145	2145
Indicator value	**99.6%**	**99.7%**	**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	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

Limerick 2

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2155.7	2209.0	1993.2	1785.5	2208.0	2209.0	2159.0	2060.4
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/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2155.7	2209.0	1993.2	1785.5	2208.0	2209.0	2159.0	2060.4
Indicator value	**1.7**	**1.7**	**1.7**	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	0	1	0	0	0	1	0	1
Indicator value	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**2**

Licensee Comments:

2Q/14: LER 2014-005-00 was issed on 6/23/14. HPCI was inoperable due to drift of a HPCI Suppression Pool level transmitter. No color or threshold change has resulted from this event.

4Q/13: LER 2013-002 - LGS Unit 1 and Unit 2, Condition That Could Have Prevented Fullfillment of the Offsite Power Safety Function, was issued on 10/04/13 and occurred on 8/05/13. No PI threshold or color change resulted from this event.

4Q/12: 7/21/13- LER 2012-007-00 issued 10/19/12 for Unit 1 and Unit 2 for Inoperable Primary Containment Isolation Valves which occurred on 08/20/2012. This event does not result in any threshold or color change to the indicator.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	1.17E-08	1.27E-08	1.28E-08	8.08E-09	9.51E-09	1.19E-08	1.20E-08	4.78E-09
URI (ΔCDF)	1.00E-08	3.07E-08	3.13E-08	3.05E-08	3.39E-08	3.43E-08	3.37E-08	1.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-08**	**4.30E-08**	**4.40E-08**	**3.90E-08**	**4.30E-08**	**4.60E-08**	**4.60E-08**	**2.10E-08**

Licensee Comments:

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

4Q/12: 7/21/13- A MSPI Run Failure on 11/13/12 was added to EDG D24. The change resulted from engineering evaluation of the failed lube oil piping component. The correction affected 4Q 2012 and 1Q 2013 MSPI but did not result in any color change or threshold being exceeded.

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)	3.83E-08	3.92E-08	3.82E-08	2.02E-08	1.87E-08	8.78E-09	7.12E-09	3.15E-08
URI (ΔCDF)	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.30E-09**	**-7.40E-09**	**-8.50E-09**	**-2.60E-08**	**-2.80E-08**	**-3.80E-08**	**-4.00E-08**	**-1.90E-08**

Licensee Comments:

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	6.66E-09	-5.37E-09	-1.37E-09	-1.71E-09	-1.54E-08	-1.24E-10	-7.20E-10	-1.29E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-08**	**-3.20E-08**	**-2.80E-08**	**-2.90E-08**	**-4.20E-08**	**-2.70E-08**	**-2.80E-08**	**-2.10E-08**

Licensee Comments:

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	1.21E-08	1.10E-08	1.44E-08	2.96E-08	3.15E-08	2.44E-08	3.57E-08	6.70E-08
URI (ΔCDF)	-2.07E-09	-2.06E-09	-2.09E-09	-2.15E-09	-2.03E-09	-1.98E-09	-1.89E-09	-1.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.00E-08**	**8.90E-09**	**1.20E-08**	**2.70E-08**	**2.90E-08**	**2.20E-08**	**3.40E-08**	**5.50E-08**

Licensee Comments:

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	4.00E-07	4.01E-07	4.22E-07	3.84E-07	3.02E-07	1.97E-07	1.55E-07	7.89E-08
URI (ΔCDF)	-3.12E-08	-3.14E-08	-2.96E-08	-2.92E-08	-2.86E-08	-2.83E-08	-2.82E-08	-8.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-07**	**3.70E-07**	**3.90E-07**	**3.50E-07**	**2.70E-07**	**1.70E-07**	**1.30E-07**	**-2.40E-09**

Licensee Comments:

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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	0.000008	0.000014	0.000008	0.000008	0.000007	0.000008	0.000007	0.000007	0.000007	0.000006	0.000006	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum activity	0.000007	0.000006	0.000006	0.000006	0.000007	0.000006	0.000006	0.000007	0.000006	0.000008	0.000008	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/13: April 2013 Data was changed from 0.000009 to 0.000006 due to error discovered that non steadystate value was used. No color change resulted from this correction.

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	1.300	1.400	1.300	1.400	1.500	1.400	1.400	1.400	1.300	1.500	1.800	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.3**	**4.7**	**4.3**	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**4.3**	**5.0**	**6.0**	**4.7**
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	1.600	1.700	1.700	1.500	1.700	1.600	1.600	1.790	1.500	1.400	1.700	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.3**	**5.7**	**5.7**	**5.0**	**5.7**	**5.3**	**5.3**	**6.0**	**5.0**	**4.7**	**5.7**	**5.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	26.0	28.0	24.0	12.0	43.0	30.0	38.0	57.0
Total opportunities	28.0	28.0	24.0	12.0	45.0	31.0	38.0	59.0
Indicator value	**98.5%**	**98.5%**	**98.9%**	**98.8%**	**98.2%**	**98.0%**	**98.2%**	**97.4%**

Licensee Comments:

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

4Q/12: Total and Successful number of DEP opportunities data was corrected for Oct 2012. Oct 2012 data changed from 16 to 17 to include a DEP opportunity from an Ops Training Drill/Exercise held in Oct 2012. Quarterly data changed from 27 to 28 total opportunities. No threshold changes occurred (4/15/13).

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	62.0	65.0	68.0	68.0	66.0	63.0	64.0	65.0
Total Key personnel	63.0	65.0	68.0	68.0	66.0	63.0	64.0	65.0
Indicator value	**98.4%**	**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/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	2141	2309	1980	2145	2310	2144	2143	2144
Total sirens-tests	2145	2310	1980	2145	2310	2145	2145	2145
Indicator value	**99.7%**	**99.9%**	**99.9%**	**99.9%**	**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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: July 31, 2014

Limerick 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	0	0	0	0	0	0	0
Critical hours	2209.0	1993.2	1785.5	2208.0	2209.0	2159.0	2060.4	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/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	1993.2	1785.5	2208.0	2209.0	2159.0	2060.4	2208.0
Indicator value	**1.7**	**1.7**	**0.9**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	1	0	0	0	1	0	1	0
Indicator value	**1**	**1**	**1**	**1**	**1**	**1**	**2**	**2**

Licensee Comments:

2Q/14: LER 2014-005-00 was issed on 6/23/14. HPCI was inoperable due to drift of a HPCI Suppression Pool level transmitter. No color or threshold change has resulted from this event.

4Q/13: LER 2013-002 - LGS Unit 1 and Unit 2, Condition That Could Have Prevented Fullfillment of the Offsite Power Safety Function, was issued on 10/04/13 and occurred on 8/05/13. No PI threshold or color change resulted from this event.

4Q/12: 7/21/13- LER 2012-007-00 issued 10/19/12 for Unit 1 and Unit 2 for Inoperable Primary Containment Isolation Valves which occurred on 08/20/2012. This event does not result in any threshold or color change to the indicator.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	1.27E-08	1.28E-08	8.08E-09	9.51E-09	1.19E-08	1.20E-08	4.78E-09	4.37E-09
URI (ΔCDF)	3.07E-08	3.13E-08	3.05E-08	3.39E-08	3.43E-08	3.37E-08	1.66E-08	1.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.30E-08**	**4.40E-08**	**3.90E-08**	**4.30E-08**	**4.60E-08**	**4.60E-08**	**2.10E-08**	**2.40E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

4Q/12: 7/21/13- A MSPI Run Failure on 11/13/12 was added to EDG D24. The change resulted from engineering evaluation of the failed lube oil piping component. The correction affected 4Q 2012 and 1Q 2013 MSPI but did not result in any color change or threshold being exceeded.

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)	3.92E-08	3.82E-08	2.02E-08	1.87E-08	8.78E-09	7.12E-09	3.15E-08	-1.52E-09
URI (ΔCDF)	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.40E-09**	**-8.50E-09**	**-2.60E-08**	**-2.80E-08**	**-3.80E-08**	**-4.00E-08**	**-1.90E-08**	**-5.20E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	-5.37E-09	-1.37E-09	-1.71E-09	-1.54E-08	-1.24E-10	-7.20E-10	-1.29E-09	1.06E-08
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-08**	**-2.80E-08**	**-2.90E-08**	**-4.20E-08**	**-2.70E-08**	**-2.80E-08**	**-2.10E-08**	**-9.10E-09**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	1.10E-08	1.44E-08	2.96E-08	3.15E-08	2.44E-08	3.57E-08	6.70E-08	6.70E-08
URI (ΔCDF)	-2.06E-09	-2.09E-09	-2.15E-09	-2.03E-09	-1.98E-09	-1.89E-09	-1.19E-08	-1.18E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.90E-09**	**1.20E-08**	**2.70E-08**	**2.90E-08**	**2.20E-08**	**3.40E-08**	**5.50E-08**	**5.50E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	4.01E-07	4.22E-07	3.84E-07	3.02E-07	1.97E-07	1.55E-07	7.92E-08	4.86E-08
URI (ΔCDF)	-3.14E-08	-2.96E-08	-2.92E-08	-2.86E-08	-2.83E-08	-2.82E-08	-8.13E-08	-7.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-07**	**3.90E-07**	**3.50E-07**	**2.70E-07**	**1.70E-07**	**1.30E-07**	**-2.10E-09**	**-2.90E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 10/20/14-Added planned unavailability to U2 ESW return segments in March 2012 (62.88 hours), March 2013 (12.63 hours) and March 2014 (33.68 hours). An Engineering review identified an error in counting U2 ESW System unavailability incurred during RHRSW/ESW return piping replacement work on-line and during the U1 refuel outages 1R14 and 1R15. No threshold or color change is impacted by this data correction. 07/17/14-The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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	0.000008	0.000007	0.000008	0.000007	0.000007	0.000007	0.000006	0.000006	0.000005	0.000007	0.000006	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**

Maximum activity	0.000006	0.000007	0.000006	0.000006	0.000007	0.000006	0.000008	0.000008	0.000008	0.000008	0.000008	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/13: April 2013 Data was changed from 0.000009 to 0.000006 due to error discovered that non steadystate value was used. No color change resulted from this correction.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum leakage	1.400	1.500	1.400	1.400	1.400	1.300	1.500	1.800	1.400	1.600	1.700	1.700
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**4.3**	**5.0**	**6.0**	**4.7**	**5.3**	**5.7**	**5.7**
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	1.500	1.700	1.600	1.600	1.790	1.500	1.400	1.700	1.600	1.600	1.500	1.500
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**5.7**	**5.3**	**5.3**	**6.0**	**5.0**	**4.7**	**5.7**	**5.3**	**5.3**	**5.0**	**5.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
Successful opportunities	28.0	24.0	12.0	43.0	30.0	38.0	57.0	45.0
Total opportunities	28.0	24.0	12.0	45.0	31.0	38.0	59.0	45.0
Indicator value	**98.5%**	**98.9%**	**98.8%**	**98.2%**	**98.0%**	**98.2%**	**97.4%**	**98.2%**

Licensee Comments:

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to

Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

4Q/12: Total and Successful number of DEP opportunities data was corrected for Oct 2012. Oct 2012 data changed from 16 to 17 to include a DEP opportunity from an Ops Training Drill/Exercise held in Oct 2012. Quarterly data changed from 27 to 28 total opportunities. No threshold changes occurred (4/15/13).

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	65.0	68.0	68.0	66.0	63.0	64.0	65.0	66.0
Total Key personnel	65.0	68.0	68.0	66.0	63.0	64.0	65.0	67.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	2309	1980	2145	2310	2144	2143	2144	2145
Total sirens-tests	2310	1980	2145	2310	2145	2145	2145	2145
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	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

Limerick 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	0	0	0	0	0	0	0	0
Critical hours	1993.2	1785.5	2208.0	2209.0	2159.0	2060.4	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/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1993.2	1785.5	2208.0	2209.0	2159.0	2060.4	2208.0	2209.0
Indicator value	**1.7**	**0.9**	**0**	**0**	**0**	**0**	**0**	**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	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 > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	0	0	1	0	1	0	0
Indicator value	**1**	**1**	**1**	**1**	**1**	**2**	**2**	**1**

Licensee Comments:

2Q/14: LER 2014-005-00 was issed on 6/23/14. HPCI was inoperable due to drift of a HPCI Suppression Pool level transmitter. No color or threshold change has resulted from this event.

4Q/13: LER 2013-002 - LGS Unit 1 and Unit 2, Condition That Could Have Prevented Fullfillment of the Offsite Power Safety Function, was issued on 10/04/13 and occurred on 8/05/13. No PI threshold or color change resulted from this event.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	1.28E-08	8.08E-09	9.51E-09	1.19E-08	1.20E-08	4.78E-09	4.37E-09	2.90E-09
URI (ΔCDF)	3.13E-08	3.05E-08	3.39E-08	3.43E-08	3.37E-08	1.66E-08	1.94E-08	2.04E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.40E-08**	**3.90E-08**	**4.30E-08**	**4.60E-08**	**4.60E-08**	**2.10E-08**	**2.40E-08**	**2.30E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	3.82E-08	2.02E-08	1.87E-08	8.78E-09	7.12E-09	3.15E-08	-1.52E-09	4.64E-09
URI (ΔCDF)	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.50E-09**	**-2.60E-08**	**-2.80E-08**	**-3.80E-08**	**-4.00E-08**	**-1.90E-08**	**-5.20E-08**	**-4.60E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	-1.37E-09	-1.71E-09	-1.54E-08	-1.24E-10	-7.20E-10	-1.29E-09	1.06E-08	1.99E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-08**	**-2.90E-08**	**-4.20E-08**	**-2.70E-08**	**-2.80E-08**	**-2.10E-08**	**-9.10E-09**	**-1.80E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	1.44E-08	2.96E-08	3.15E-08	2.44E-08	3.57E-08	6.70E-08	6.70E-08	8.09E-08
URI (ΔCDF)	-2.09E-09	-2.15E-09	-2.03E-09	-1.98E-09	-1.89E-09	-1.19E-08	-1.18E-08	-1.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-08**	**2.70E-08**	**2.90E-08**	**2.20E-08**	**3.40E-08**	**5.50E-08**	**5.50E-08**	**6.90E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	4.22E-07	3.84E-07	3.02E-07	1.97E-07	1.55E-07	7.92E-08	4.86E-08	4.61E-08
URI (ΔCDF)	-2.96E-08	-2.92E-08	-2.86E-08	-2.83E-08	-2.82E-08	-8.13E-08	-7.79E-08	-7.58E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.90E-07**	**3.50E-07**	**2.70E-07**	**1.70E-07**	**1.30E-07**	**-2.10E-09**	**-2.90E-08**	**-3.00E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 10/20/14-Added planned unavailability to U2 ESW return segments in March 2012 (62.88 hours), March 2013 (12.63 hours) and March 2014 (33.68 hours). An Engineering review identified an error in counting U2 ESW System unavailability incurred during RHRSW/ESW return piping replacement work on-line and during the U1 refuel outages 1R14 and 1R15. No threshold or color change is impacted by this data correction. 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA

model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum activity	0.000007	0.000007	0.000007	0.000006	0.000006	0.000005	0.000007	0.000006	0.000006	0.000006	0.000007	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**
Maximum activity	0.000006	0.000007	0.000006	0.000008	0.000008	0.000008	0.000008	0.000008	0.000008	0.000012	0.000008	0.000007
Technical												

specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/13: April 2013 Data was changed from 0.000009 to 0.000006 due to error discovered that non steadystate value was used. No color change resulted from this correction.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum leakage	1.400	1.400	1.300	1.500	1.800	1.400	1.600	1.700	1.700	1.500	1.700	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**4.3**	**5.0**	**6.0**	**4.7**	**5.3**	**5.7**	**5.7**	**5.0**	**5.7**	**5.3**
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	1.600	1.790	1.500	1.400	1.700	1.600	1.600	1.500	1.500	1.400	1.600	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

Indicator value	**5.3**	**6.0**	**5.0**	**4.7**	**5.7**	**5.3**	**5.3**	**5.0**	**5.0**	**4.7**	**5.3**	**5.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
Successful opportunities	24.0	12.0	43.0	30.0	38.0	57.0	42.0	37.0
Total opportunities	24.0	12.0	45.0	31.0	38.0	59.0	42.0	37.0
Indicator value	**98.9%**	**98.8%**	**98.2%**	**98.0%**	**98.2%**	**97.4%**	**98.2%**	**98.3%**

Licensee Comments:

3Q/14: 1/15/15- ERO Drill Exercise data was corrected. The previously submitted Drill Exercise opportunties in September 2014 had actually occurred in October 2014. No color change or threshold impact resulted from the correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

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	68.0	68.0	66.0	63.0	64.0	65.0	66.0	66.0
Total Key personnel	68.0	68.0	66.0	63.0	64.0	65.0	67.0	67.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**98.5%**

Licensee Comments: none

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	1980	2145	2310	2144	2143	2144	2145	2144
Total sirens-tests	1980	2145	2310	2145	2145	2145	2145	2145
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	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

Limerick 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	1785.5	2208.0	2209.0	2159.0	2060.4	2208.0	2209.0	2159.0
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/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1785.5	2208.0	2209.0	2159.0	2060.4	2208.0	2209.0	2159.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**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	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	0	0	1	0	1	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**2**	**2**	**1**	**1**

Licensee Comments:

2Q/14: LER 2014-005-00 was issed on 6/23/14. HPCI was inoperable due to drift of a HPCI Suppression Pool level transmitter. No color or threshold change has resulted from this event.

4Q/13: LER 2013-002 - LGS Unit 1 and Unit 2, Condition That Could Have Prevented Fullfillment of the Offsite Power Safety Function, was issued on 10/04/13 and occurred on 8/05/13. No PI threshold or color change resulted from this event.

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)	8.08E-09	9.51E-09	1.19E-08	1.20E-08	4.78E-09	4.37E-09	2.90E-09	2.12E-09
URI (ΔCDF)	3.05E-08	3.39E-08	3.43E-08	3.37E-08	1.66E-08	1.94E-08	2.04E-08	2.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.90E-08**	**4.30E-08**	**4.60E-08**	**4.60E-08**	**2.10E-08**	**2.40E-08**	**2.30E-08**	**2.30E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	2.02E-08	1.87E-08	8.78E-09	7.12E-09	3.15E-08	-1.52E-09	4.64E-09	-3.48E-09
URI (ΔCDF)	-4.66E-08	-4.66E-08	-4.66E-08	-4.66E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-2.80E-08**	**-3.80E-08**	**-4.00E-08**	**-1.90E-08**	**-5.20E-08**	**-4.60E-08**	**-5.40E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	-1.71E-09	-1.54E-08	-1.24E-10	-7.20E-10	-1.29E-09	1.06E-08	1.99E-09	6.17E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-2.71E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-08**	**-4.20E-08**	**-2.70E-08**	**-2.80E-08**	**-2.10E-08**	**-9.10E-09**	**-1.80E-08**	**-1.40E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	2.96E-08	3.15E-08	2.44E-08	3.57E-08	6.70E-08	6.70E-08	8.09E-08	7.23E-08
URI (ΔCDF)	-2.15E-09	-2.03E-09	-1.98E-09	-1.89E-09	-1.19E-08	-1.18E-08	-1.15E-08	-1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.70E-08**	**2.90E-08**	**2.20E-08**	**3.40E-08**	**5.50E-08**	**5.50E-08**	**6.90E-08**	**6.10E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	3.84E-07	3.02E-07	1.97E-07	1.55E-07	7.92E-08	4.86E-08	4.61E-08	4.21E-08
URI (ΔCDF)	-2.92E-08	-2.86E-08	-2.83E-08	-2.82E-08	-8.13E-08	-7.79E-08	-7.58E-08	-7.22E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.50E-07**	**2.70E-07**	**1.70E-07**	**1.30E-07**	**-2.10E-09**	**-2.90E-08**	**-3.00E-08**	**-3.00E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 10/20/14-Added planned unavailability to U2 ESW return segments in March 2012 (62.88 hours), March 2013 (12.63 hours) and March 2014 (33.68 hours). An Engineering review identified an error in counting U2 ESW System unavailability incurred during RHRSW/ESW return piping replacement work on-line and during the U1 refuel outages 1R14 and 1R15. No threshold or color change is impacted by this data correction. 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA

model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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	0.000006	0.000006	0.000005	0.000007	0.000006	0.000006	0.000006	0.000007	0.000006	0.000006	0.000007	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum activity	0.000008	0.000008	0.000008	0.000008	0.000008	0.000008	0.000012	0.000008	0.000007	0.000007	0.000009	0.000008
Technical												

specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/13: April 2013 Data was changed from 0.000009 to 0.000006 due to error discovered that non steadystate value was used. No color change resulted from this correction.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum leakage	1.500	1.800	1.400	1.600	1.700	1.700	1.500	1.700	1.600	1.600	1.790	1.500
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**6.0**	**4.7**	**5.3**	**5.7**	**5.7**	**5.0**	**5.7**	**5.3**	**5.3**	**6.0**	**5.0**
Reactor Coolant System Leakage	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum leakage	1.400	1.700	1.600	1.600	1.500	1.500	1.400	1.600	1.600	1.600	1.900	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

Indicator value	**4.7**	**5.7**	**5.3**	**5.3**	**5.0**	**5.0**	**4.7**	**5.3**	**5.3**	**5.3**	**6.3**	**5.3**

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	12.0	43.0	30.0	38.0	57.0	42.0	37.0	23.0
Total opportunities	12.0	45.0	31.0	38.0	59.0	42.0	37.0	23.0
Indicator value	**98.8%**	**98.2%**	**98.0%**	**98.2%**	**97.4%**	**98.2%**	**98.3%**	**98.3%**

Licensee Comments:

3Q/14: 1/15/15- ERO Drill Exercise data was corrected. The previously submitted Drill Exercise opportunties in September 2014 had actually occurred in October 2014. No color change or threshold impact resulted from the correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

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	68.0	66.0	63.0	64.0	65.0	66.0	66.0	66.0
Total Key personnel	68.0	66.0	63.0	64.0	65.0	67.0	67.0	67.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**98.5%**	**98.5%**

Licensee Comments: none

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	2145	2310	2144	2143	2144	2145	2144	2144
Total sirens-tests	2145	2310	2145	2145	2145	2145	2145	2145
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	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

Limerick 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	2209.0	2159.0	2060.4	2208.0	2209.0	2159.0	1649.2
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/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2060.4	2208.0	2209.0	2159.0	1649.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**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	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	1	0	1	0	0	0	1
Indicator value	**1**	**1**	**1**	**2**	**2**	**1**	**1**	**1**

Licensee Comments:

2Q/15: LER 2015-001-00 was submitted on June 4, 2015 due to a small electrical fire in one compartment of a 250 VDC MCC which rendered HPCI inoperable. The fire was extinguished within 8 minutes. No color threshold resulted from this event.

2Q/14: LER 2014-005-00 was issed on 6/23/14. HPCI was inoperable due to drift of a HPCI Suppression Pool level transmitter. No color or threshold change has resulted from this event.

4Q/13: LER 2013-002 - LGS Unit 1 and Unit 2, Condition That Could Have Prevented Fullfillment of the Offsite Power Safety Function, was issued on 10/04/13 and occurred on 8/05/13. No PI threshold or color change resulted from this event.

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)	9.51E-09	1.19E-08	1.20E-08	4.78E-09	4.37E-09	2.90E-09	2.12E-09	2.44E-09
URI (ΔCDF)	3.39E-08	3.43E-08	3.37E-08	1.66E-08	1.94E-08	2.04E-08	2.10E-08	1.87E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.30E-08**	**4.60E-08**	**4.60E-08**	**2.10E-08**	**2.40E-08**	**2.30E-08**	**2.30E-08**	**2.10E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	1.87E-08	8.78E-09	7.12E-09	3.15E-08	-1.52E-09	4.64E-09	-3.48E-09	-1.77E-08
URI (ΔCDF)	-4.66E-08	-4.66E-08	-4.66E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-08**	**-3.80E-08**	**-4.00E-08**	**-1.90E-08**	**-5.20E-08**	**-4.60E-08**	**-5.40E-08**	**-6.80E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	-1.54E-08	-1.24E-10	-7.20E-10	-1.29E-09	1.06E-08	1.99E-09	6.17E-09	6.49E-09
URI (ΔCDF)	-2.71E-08	-2.71E-08	-2.71E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-08**	**-2.70E-08**	**-2.80E-08**	**-2.10E-08**	**-9.10E-09**	**-1.80E-08**	**-1.40E-08**	**-1.30E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	3.15E-08	2.44E-08	3.57E-08	6.70E-08	6.70E-08	8.09E-08	7.23E-08	8.15E-08
URI (ΔCDF)	-2.03E-09	-1.98E-09	-1.89E-09	-1.19E-08	-1.18E-08	-1.15E-08	-1.10E-08	-1.18E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-08**	**2.20E-08**	**3.40E-08**	**5.50E-08**	**5.50E-08**	**6.90E-08**	**6.10E-08**	**7.00E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	3.02E-07	1.97E-07	1.55E-07	7.92E-08	4.86E-08	4.61E-08	4.21E-08	4.15E-08
URI (ΔCDF)	-2.86E-08	-2.83E-08	-2.82E-08	-8.13E-08	-7.79E-08	-7.58E-08	-7.22E-08	-7.24E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.70E-07**	**1.70E-07**	**1.30E-07**	**-2.10E-09**	**-2.90E-08**	**-3.00E-08**	**-3.00E-08**	**-3.10E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 10/20/14-Added planned unavailability to U2 ESW return segments in March 2012 (62.88 hours), March 2013 (12.63 hours) and March 2014 (33.68 hours). An Engineering review identified an error in counting U2 ESW System unavailability incurred during RHRSW/ESW return piping replacement work on-line and during the U1 refuel outages 1R14 and 1R15. No threshold or color change is impacted by this data correction. 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA

model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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	0.000007	0.000006	0.000006	0.000006	0.000007	0.000006	0.000006	0.000007	0.000006	0.000008	0.000008	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum activity	0.000008	0.000008	0.000008	0.000012	0.000008	0.000007	0.000007	0.000009	0.000008	0.000006	0.000005	0.000005
Technical												

specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum leakage	1.600	1.700	1.700	1.500	1.700	1.600	1.600	1.790	1.500	1.400	1.700	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.3**	**5.7**	**5.7**	**5.0**	**5.7**	**5.3**	**5.3**	**6.0**	**5.0**	**4.7**	**5.7**	**5.3**
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	1.600	1.500	1.500	1.400	1.600	1.600	1.600	1.900	1.600	1.500	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.3**	**5.0**	**5.0**	**4.7**	**5.3**	**5.3**	**5.3**	**6.3**	**5.3**	**5.0**	**4.7**	**4.3**

Licensee Comments: none

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	43.0	30.0	38.0	57.0	42.0	37.0	23.0	32.0
Total opportunities	45.0	31.0	38.0	59.0	42.0	37.0	23.0	34.0
Indicator value	**98.2%**	**98.0%**	**98.2%**	**97.4%**	**98.2%**	**98.3%**	**98.3%**	**97.7%**

Licensee Comments:

3Q/14: 1/15/15- ERO Drill Exercise data was corrected. The previously submitted Drill Exercise opportunties in September 2014 had actually occurred in October 2014. No color change or threshold impact resulted from the correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

3Q/13: 3rd quarter 2013 Drill Exercise and Event Opportunities was changed from from 8 to 5 due to Emergency Offsite Facility Opportunities being reported in September when they should have been reported in October. No color or threshold changes occurred as a result of this correction.

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	66.0	63.0	64.0	65.0	66.0	66.0	66.0	51.0
Total Key personnel	66.0	63.0	64.0	65.0	67.0	67.0	67.0	51.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**98.5%**	**98.5%**	**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	2310	2144	2143	2144	2145	2144	2144	2133
Total sirens-tests	2310	2145	2145	2145	2145	2145	2145	2145
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
High radiation area occurrences	0	0	0	0	0	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

Limerick 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	2209.0	2159.0	2060.4	2208.0	2209.0	2159.0	1649.2	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/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2060.4	2208.0	2209.0	2159.0	1649.2	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/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	1	0	1	0	0	0	1	0
Indicator value	**1**	**1**	**2**	**2**	**1**	**1**	**1**	**1**

Licensee Comments:

2Q/15: LER 2015-001-00 was submitted on June 4, 2015 due to a small electrical fire in one compartment of a 250 VDC MCC which rendered HPCI inoperable. The fire was extinguished within 8 minutes. No color threshold resulted from this event.

2Q/14: LER 2014-005-00 was issed on 6/23/14. HPCI was inoperable due to drift of a HPCI Suppression Pool level transmitter. No color or threshold change has resulted from this event.

4Q/13: LER 2013-002 - LGS Unit 1 and Unit 2, Condition That Could Have Prevented Fullfillment of the Offsite Power Safety Function, was issued on 10/04/13 and occurred on 8/05/13. No PI threshold or color change resulted from this event.

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)	1.19E-08	1.20E-08	4.78E-09	4.37E-09	2.90E-09	2.12E-09	2.44E-09	2.50E-09
URI (ΔCDF)	3.43E-08	3.37E-08	1.66E-08	1.94E-08	2.04E-08	2.10E-08	1.87E-08	1.73E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.60E-08**	**4.60E-08**	**2.10E-08**	**2.40E-08**	**2.30E-08**	**2.30E-08**	**2.10E-08**	**2.00E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	8.78E-09	7.12E-09	3.15E-08	-1.52E-09	4.64E-09	-3.48E-09	-1.77E-08	-1.09E-08
URI (ΔCDF)	-4.66E-08	-4.66E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.80E-08**	**-4.00E-08**	**-1.90E-08**	**-5.20E-08**	**-4.60E-08**	**-5.40E-08**	**-6.80E-08**	**-6.10E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	-1.24E-10	-7.20E-10	-1.29E-09	1.06E-08	1.99E-09	6.17E-09	6.49E-09	5.40E-11
URI (ΔCDF)	-2.71E-08	-2.71E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.70E-08**	**-2.80E-08**	**-2.10E-08**	**-9.10E-09**	**-1.80E-08**	**-1.40E-08**	**-1.30E-08**	**-2.00E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	2.01E-08	1.97E-08	4.90E-08	4.90E-08	6.28E-08	5.42E-08	6.32E-08	5.17E-08
URI (ΔCDF)	-1.98E-09	-1.89E-09	-1.19E-08	-1.18E-08	-1.15E-08	-1.10E-08	-1.18E-08	-1.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-08**	**1.80E-08**	**3.70E-08**	**3.70E-08**	**5.10E-08**	**4.30E-08**	**5.10E-08**	**4.00E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

3Q/14: 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action

dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

1Q/14: 10/21/15 - Removed 33.68 hours of planned unavailability from the 2B RHR HX segment for March 2014. An engineering review identified an error in cascading RHRSW System unavailability on to the RHR System during RHRSW pipe replacement activities. No color or PI threshold change is impacted by this error correction.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	1.97E-07	1.55E-07	7.92E-08	4.86E-08	4.61E-08	4.21E-08	4.15E-08	3.99E-08
URI (ΔCDF)	-2.83E-08	-2.82E-08	-8.13E-08	-7.79E-08	-7.58E-08	-7.22E-08	-7.24E-08	-7.27E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-07**	**1.30E-07**	**-2.10E-09**	**-2.90E-08**	**-3.00E-08**	**-3.00E-08**	**-3.10E-08**	**-3.30E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal,

effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 10/20/14-Added planned unavailability to U2 ESW return segments in March 2012 (62.88 hours), March 2013 (12.63 hours) and March 2014 (33.68 hours). An Engineering review identified an error in counting U2 ESW System unavailability incurred during RHRSW/ESW return piping replacement work on-line and during the U1 refuel outages 1R14 and 1R15. No threshold or color change is impacted by this data correction. 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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	0.000006	0.000007	0.000006	0.000006	0.000007	0.000006	0.000008	0.000008	0.000008	0.000008	0.000008	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**
Maximum activity	0.000012	0.000008	0.000007	0.000007	0.000009	0.000008	0.000006	0.000005	0.000005	0.000007	0.000005	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	1.500	1.700	1.600	1.600	1.790	1.500	1.400	1.700	1.600	1.600	1.500	1.500
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**5.7**	**5.3**	**5.3**	**6.0**	**5.0**	**4.7**	**5.7**	**5.3**	**5.3**	**5.0**	**5.0**

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	1.400	1.600	1.600	1.600	1.900	1.600	1.500	1.400	1.300	1.400	1.600	1.700
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.3**	**5.3**	**5.3**	**6.3**	**5.3**	**5.0**	**4.7**	**4.3**	**4.7**	**5.3**	**5.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	30.0	38.0	57.0	42.0	37.0	27.0	32.0	48.0
Total opportunities	31.0	38.0	59.0	42.0	37.0	27.0	34.0	49.0
Indicator value	**98.0%**	**98.2%**	**97.4%**	**98.2%**	**98.3%**	**98.3%**	**97.8%**	**98.1%**

Licensee Comments:

1Q/15: 10/21/15 - March 2014 data was changed from 4 successful drill opportunities out of 4 total opportunities to 8 successful opportunities out of 8 total opportunities. A reporting error was identified during an EP self assessment. No color or PI threshold change is impacted by this data correction.

3Q/14: 1/15/15- ERO Drill Exercise data was corrected. The previously submitted Drill Exercise opportunties in September 2014 had actually occurred in October 2014. No color change or threshold impact resulted from the correction.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	63.0	64.0	65.0	66.0	66.0	66.0	66.0	66.0
Total Key personnel	63.0	64.0	65.0	67.0	67.0	67.0	66.0	66.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**98.5%**	**98.5%**	**98.5%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/15: 10/21/15 - The number of participating key personnel and total key personnel was corrected for 2nd quarter 2014 after an EP self assessment identified that offsite ERO members had not been included. No color or PI threshold change is impacted by this correction.

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	2144	2143	2144	2145	2144	2144	2133	2145
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
High radiation area occurrences	0	0	0	0	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

Limerick 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	1.0
Critical hours	2159.0	2060.4	2208.0	2209.0	2159.0	1649.2	2208.0	2059.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

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	1.0
Critical hours	2159.0	2060.4	2208.0	2209.0	2159.0	1649.2	2208.0	2059.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

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 > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	0	1	0	0	0	1	0	1
Indicator value	**1**	**2**	**2**	**1**	**1**	**1**	**1**	**2**

Licensee Comments:

4Q/15: 1/21/16-LER 2015-005-00 was submitted on November 2, 2015 due to a Division 4 high steam flow isolation actuation failure on the HPCI system which rendered HPCI inoperable. No color threshold change resulted from this event.

2Q/15: LER 2015-001-00 was submitted on June 4, 2015 due to a small electrical fire in one compartment of a 250 VDC MCC which rendered HPCI inoperable. The fire was extinguished within 8 minutes. No color threshold resulted from this event.

2Q/14: LER 2014-005-00 was issed on 6/23/14. HPCI was inoperable due to drift of a HPCI Suppression Pool level transmitter. No color or threshold change has resulted from this event.

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)	1.20E-08	4.78E-09	4.37E-09	2.90E-09	2.12E-09	2.44E-09	2.50E-09	4.11E-09
URI (ΔCDF)	3.37E-08	1.66E-08	1.94E-08	2.04E-08	2.10E-08	1.87E-08	1.73E-08	-2.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.60E-08**	**2.10E-08**	**2.40E-08**	**2.30E-08**	**2.30E-08**	**2.10E-08**	**2.00E-08**	**-1.90E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	7.12E-09	3.15E-08	-1.52E-09	4.64E-09	-3.48E-09	-1.77E-08	-1.09E-08	4.69E-09
URI (ΔCDF)	-4.66E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-1.90E-08**	**-5.20E-08**	**-4.60E-08**	**-5.40E-08**	**-6.80E-08**	**-6.10E-08**	**-4.60E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	-7.20E-10	-1.29E-09	1.06E-08	1.99E-09	6.17E-09	6.49E-09	5.40E-11	9.55E-09
URI (ΔCDF)	-2.71E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-08**	**-2.10E-08**	**-9.10E-09**	**-1.80E-08**	**-1.40E-08**	**-1.30E-08**	**-2.00E-08**	**-1.00E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	1.97E-08	4.90E-08	4.90E-08	6.28E-08	5.42E-08	6.32E-08	5.17E-08	5.68E-08
URI (ΔCDF)	-1.89E-09	-1.19E-08	-1.18E-08	-1.15E-08	-1.10E-08	-1.18E-08	-1.17E-08	-1.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-08**	**3.70E-08**	**3.70E-08**	**5.10E-08**	**4.30E-08**	**5.10E-08**	**4.00E-08**	**4.50E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

3Q/14: 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action

dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

1Q/14: 10/21/15 - Removed 33.68 hours of planned unavailability from the 2B RHR HX segment for March 2014. An engineering review identified an error in cascading RHRSW System unavailability on to the RHR System during RHRSW pipe replacement activities. No color or PI threshold change is impacted by this error correction.

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)	1.55E-07	7.92E-08	4.86E-08	4.61E-08	4.21E-08	4.15E-08	3.99E-08	3.70E-08
URI (ΔCDF)	-2.82E-08	-8.13E-08	-7.79E-08	-7.58E-08	-7.22E-08	-7.24E-08	-7.27E-08	-7.24E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**-2.10E-09**	**-2.90E-08**	**-3.00E-08**	**-3.00E-08**	**-3.10E-08**	**-3.30E-08**	**-3.50E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 10/20/14-Added planned unavailability to U2 ESW return segments in March 2012 (62.88 hours), March 2013 (12.63 hours) and March 2014 (33.68 hours). An Engineering review identified an error in counting U2 ESW System unavailability incurred during RHRSW/ESW return piping replacement work on-line and during the U1 refuel outages 1R14 and 1R15. No threshold or color change is impacted by this data correction. 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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	0.000006	0.000007	0.000006	0.000008	0.000008	0.000008	0.000008	0.000008	0.000008	0.000012	0.000008	0.000007

Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000007	0.000009	0.000008	0.000006	0.000005	0.000005	0.000007	0.000005	0.000006	0.000009	0.000008	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14

Maximum leakage	1.600	1.790	1.500	1.400	1.700	1.600	1.600	1.500	1.500	1.400	1.600	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.3**	**6.0**	**5.0**	**4.7**	**5.7**	**5.3**	**5.3**	**5.0**	**5.0**	**4.7**	**5.3**	**5.3**
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	1.600	1.900	1.600	1.500	1.400	1.300	1.400	1.600	1.700	1.800	2.000	2.000
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.3**	**6.3**	**5.3**	**5.0**	**4.7**	**4.3**	**4.7**	**5.3**	**5.7**	**6.0**	**6.7**	**6.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
Successful opportunities	38.0	57.0	42.0	37.0	27.0	32.0	48.0	26.0
Total opportunities	38.0	59.0	42.0	37.0	27.0	34.0	49.0	26.0
Indicator value	**98.2%**	**97.4%**	**98.2%**	**98.3%**	**98.3%**	**97.8%**	**98.1%**	**98.4%**

Licensee Comments:

1Q/15: 10/21/15 - March 2014 data was changed from 4 successful drill opportunities out of 4 total opportunities to 8 successful opportunities out of 8 total opportunities. A reporting error was identified during an EP self assessment. No color or PI threshold change is impacted by this data correction.

3Q/14: 1/15/15- ERO Drill Exercise data was corrected. The previously submitted Drill Exercise opportunties in September 2014 had actually occurred in October 2014. No color change or threshold impact resulted from the correction.

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	64.0	65.0	66.0	66.0	66.0	66.0	66.0	65.0
Total Key personnel	64.0	65.0	67.0	67.0	67.0	66.0	66.0	65.0
Indicator value	**100.0%**	**100.0%**	**98.5%**	**98.5%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/15: 10/21/15 - The number of participating key personnel and total key personnel was corrected for 2nd quarter 2014 after an EP self assessment identified that offsite ERO members had not been included. No color or PI threshold change is impacted by this correction.

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	2143	2144	2145	2144	2144	2133	2145	2143
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
High radiation area occurrences	0	0	0	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

Limerick 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	1.0	0
Critical hours	2060.4	2208.0	2209.0	2159.0	1649.2	2208.0	2059.6	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**

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	1.0	0
Critical hours	2060.4	2208.0	2209.0	2159.0	1649.2	2208.0	2059.6	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**

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 > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	1	0	0	0	1	0	1	0
Indicator value	**2**	**2**	**1**	**1**	**1**	**1**	**2**	**2**

Licensee Comments:

4Q/15: 1/21/16-LER 2015-005-00 was submitted on November 2, 2015 due to a Division 4 high steam flow isolation actuation failure on the HPCI system which rendered HPCI inoperable. No color threshold change resulted from this event.

2Q/15: LER 2015-001-00 was submitted on June 4, 2015 due to a small electrical fire in one compartment of a 250 VDC MCC which rendered HPCI inoperable. The fire was extinguished within 8 minutes. No color threshold resulted from this event.

2Q/14: LER 2014-005-00 was issed on 6/23/14. HPCI was inoperable due to drift of a HPCI Suppression Pool level transmitter. No color or threshold change has resulted from this event.

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)	4.78E-09	4.37E-09	2.90E-09	2.12E-09	2.44E-09	2.50E-09	4.11E-09	3.45E-09
URI (ΔCDF)	1.66E-08	1.94E-08	2.04E-08	2.10E-08	1.87E-08	1.73E-08	-2.26E-08	-2.35E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-08**	**2.40E-08**	**2.30E-08**	**2.30E-08**	**2.10E-08**	**2.00E-08**	**-1.90E-08**	**-2.00E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	3.15E-08	-1.52E-09	4.64E-09	-3.48E-09	-1.77E-08	-1.09E-08	4.69E-09	5.08E-09
URI (ΔCDF)	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-08**	**-5.20E-08**	**-4.60E-08**	**-5.40E-08**	**-6.80E-08**	**-6.10E-08**	**-4.60E-08**	**-4.50E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	-1.29E-09	1.06E-08	1.99E-09	6.17E-09	6.49E-09	5.40E-11	9.55E-09	7.54E-09
URI (ΔCDF)	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-08**	**-9.10E-09**	**-1.80E-08**	**-1.40E-08**	**-1.30E-08**	**-2.00E-08**	**-1.00E-08**	**-1.20E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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)	4.90E-08	4.90E-08	6.28E-08	5.42E-08	6.32E-08	5.17E-08	5.68E-08	5.69E-08
URI (ΔCDF)	-1.19E-08	-1.18E-08	-1.15E-08	-1.10E-08	-1.18E-08	-1.17E-08	-1.19E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-08**	**3.70E-08**	**5.10E-08**	**4.30E-08**	**5.10E-08**	**4.00E-08**	**4.50E-08**	**4.50E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

3Q/14: 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action

dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	7.92E-08	4.86E-08	4.61E-08	4.21E-08	4.15E-08	3.99E-08	3.70E-08	3.02E-08
URI (ΔCDF)	-8.13E-08	-7.79E-08	-7.58E-08	-7.22E-08	-7.24E-08	-7.27E-08	-7.24E-08	-7.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-09**	**-2.90E-08**	**-3.00E-08**	**-3.00E-08**	**-3.10E-08**	**-3.30E-08**	**-3.50E-08**	**-4.50E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

2Q/14: 10/20/14-Added planned unavailability to U2 ESW return segments in March 2012 (62.88 hours), March 2013 (12.63 hours) and March 2014 (33.68 hours). An Engineering review identified an error in counting U2 ESW System unavailability incurred during RHRSW/ESW return piping replacement work on-line and during the U1

refuel outages 1R14 and 1R15. No threshold or color change is impacted by this data correction. 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

2Q/14: Changed PRA Parameter(s). 07/17/14- The LG113A and LG213A PRA Models Revision was approved in January 2014 with a corresponding LG-MSPI-001 Basis Document Revision 5 approved on 06/24/14. The PRA model revision was a periodic update which included a data update and re-analysis of operator action dependency. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. No color or threshold changes were impacted by this update.

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	0.000008	0.000008	0.000008	0.000008	0.000008	0.000008	0.000012	0.000008	0.000007	0.000007	0.000009	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Indicator value	**0**	**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	0.000006	0.000005	0.000005	0.000007	0.000005	0.000006	0.000009	0.000008	0.000008	0.000007	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum leakage	1.400	1.700	1.600	1.600	1.500	1.500	1.400	1.600	1.600	1.600	1.900	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

Indicator value	4.7	5.7	5.3	5.3	5.0	5.0	4.7	5.3	5.3	5.3	6.3	5.3
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	1.500	1.400	1.300	1.400	1.600	1.700	1.800	2.000	2.000	1.400	1.500	1.500
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**4.7**	**4.3**	**4.7**	**5.3**	**5.7**	**6.0**	**6.7**	**6.7**	**4.7**	**5.0**	**5.0**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	57.0	42.0	37.0	27.0	32.0	48.0	26.0	30.0
Total opportunities	59.0	42.0	37.0	27.0	34.0	49.0	26.0	30.0
Indicator value	**97.4%**	**98.2%**	**98.3%**	**98.3%**	**97.8%**	**98.1%**	**98.4%**	**98.4%**

Licensee Comments:

1Q/15: 10/21/15 - March 2014 data was changed from 4 successful drill opportunities out of 4 total opportunities to 8 successful opportunities out of 8 total opportunities. A reporting error was identified during an EP self

assessment. No color or PI threshold change is impacted by this data correction.

3Q/14: 1/15/15- ERO Drill Exercise data was corrected. The previously submitted Drill Exercise opportunties in September 2014 had actually occurred in October 2014. No color change or threshold impact resulted from the correction.

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	65.0	66.0	66.0	66.0	66.0	66.0	65.0	63.0
Total Key personnel	65.0	67.0	67.0	67.0	66.0	66.0	65.0	63.0
Indicator value	**100.0%**	**98.5%**	**98.5%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/15: 10/21/15 - The number of participating key personnel and total key personnel was corrected for 2nd quarter 2014 after an EP self assessment identified that offsite ERO members had not been included. No color or PI threshold change is impacted by this correction.

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	2144	2145	2144	2144	2133	2145	2143	2145
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Limerick 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	1.0	0	1.0
Critical hours	2208.0	2209.0	2159.0	1649.2	2208.0	2059.6	2183.0	2156.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**1.6**

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	1.0	0	0
Critical hours	2208.0	2209.0	2159.0	1649.2	2208.0	2059.6	2183.0	2156.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.8**

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 > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	0	0	0	1	0	1	0	0
Indicator value	**2**	**1**	**1**	**1**	**1**	**2**	**2**	**1**

Licensee Comments:

4Q/15: 1/21/16-LER 2015-005-00 was submitted on November 2, 2015 due to a Division 4 high steam flow isolation actuation failure on the HPCI system which rendered HPCI inoperable. No color threshold change resulted from this event.

2Q/15: LER 2015-001-00 was submitted on June 4, 2015 due to a small electrical fire in one compartment of a 250 VDC MCC which rendered HPCI inoperable. The fire was extinguished within 8 minutes. No color threshold resulted from this event.

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)	4.37E-09	2.90E-09	2.12E-09	2.44E-09	2.50E-09	4.11E-09	3.45E-09	3.20E-09
URI (ΔCDF)	1.94E-08	2.04E-08	2.10E-08	1.87E-08	1.73E-08	-2.26E-08	-2.35E-08	-4.46E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.40E-08**	**2.30E-08**	**2.30E-08**	**2.10E-08**	**2.00E-08**	**-1.90E-08**	**-2.00E-08**	**-4.10E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

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)	-1.52E-09	4.64E-09	-3.48E-09	-1.77E-08	-1.09E-08	4.69E-09	5.08E-09	1.91E-08
URI (ΔCDF)	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.20E-08**	**-4.60E-08**	**-5.40E-08**	**-6.80E-08**	**-6.10E-08**	**-4.60E-08**	**-4.50E-08**	**-3.10E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

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)	1.06E-08	1.99E-09	6.17E-09	6.49E-09	5.40E-11	9.55E-09	7.54E-09	1.55E-08
URI (ΔCDF)	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.10E-09**	**-1.80E-08**	**-1.40E-08**	**-1.30E-08**	**-2.00E-08**	**-1.00E-08**	**-1.20E-08**	**-4.20E-09**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

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)	4.90E-08	6.28E-08	5.42E-08	6.32E-08	5.17E-08	5.68E-08	5.69E-08	4.11E-08
URI (ΔCDF)	-1.18E-08	-1.15E-08	-1.10E-08	-1.18E-08	-1.17E-08	-1.19E-08	-1.16E-08	-1.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-08**	**5.10E-08**	**4.30E-08**	**5.10E-08**	**4.00E-08**	**4.50E-08**	**4.50E-08**	**3.10E-08**

Licensee Comments:

3Q/14: 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

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)	4.86E-08	4.61E-08	4.21E-08	4.15E-08	3.99E-08	3.70E-08	3.02E-08	2.90E-08
URI (ΔCDF)	-7.79E-08	-7.58E-08	-7.22E-08	-7.24E-08	-7.27E-08	-7.24E-08	-7.50E-08	-7.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-08**	**-3.00E-08**	**-3.00E-08**	**-3.10E-08**	**-3.30E-08**	**-3.50E-08**	**-4.50E-08**	**-4.50E-08**

Licensee Comments:

3Q/14: Changed PRA Parameter(s). 10/20/14- PRA parameters were updated during 2Q2014 data submittal, effective 2Q2014. No additional PRA parameters have changed.

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum activity	0.000008	0.000008	0.000008	0.000012	0.000008	0.000007	0.000007	0.000009	0.000008	0.000006	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**
Maximum activity	0.000007	0.000005	0.000006	0.000009	0.000008	0.000008	0.000007	0.000007	0.000008	0.000008	0.000008	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum leakage	1.600	1.500	1.500	1.400	1.600	1.600	1.600	1.900	1.600	1.500	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.3**	**5.0**	**5.0**	**4.7**	**5.3**	**5.3**	**5.3**	**6.3**	**5.3**	**5.0**	**4.7**	**4.3**
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	1.400	1.600	1.700	1.800	2.000	2.000	1.400	1.500	1.500	1.400	1.400	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.3**	**5.7**	**6.0**	**6.7**	**6.7**	**4.7**	**5.0**	**5.0**	**4.7**	**4.7**	**4.7**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	42.0	37.0	27.0	32.0	48.0	26.0	30.0	30.0
Total opportunities	42.0	37.0	27.0	34.0	49.0	26.0	30.0	32.0
Indicator value	**98.2%**	**98.3%**	**98.3%**	**97.8%**	**98.1%**	**98.4%**	**98.4%**	**98.2%**

Licensee Comments:

1Q/15: 10/21/15 - March 2014 data was changed from 4 successful drill opportunities out of 4 total opportunities to 8 successful opportunities out of 8 total opportunities. A reporting error was identified during an EP self assessment. No color or PI threshold change is impacted by this data correction.

3Q/14: 1/15/15- ERO Drill Exercise data was corrected. The previously submitted Drill Exercise opportunties in September 2014 had actually occurred in October 2014. No color change or threshold impact resulted from the correction.

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	66.0	66.0	66.0	66.0	66.0	65.0	63.0	66.0
Total Key personnel	67.0	67.0	67.0	66.0	66.0	65.0	63.0	66.0
Indicator value	**98.5%**	**98.5%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/15: 10/21/15 - The number of participating key personnel and total key personnel was corrected for 2nd quarter 2014 after an EP self assessment identified that offsite ERO members had not been included. No color or PI threshold change is impacted by this correction.

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	2145	2144	2144	2133	2145	2143	2145	2144
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**

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

Limerick 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	1.0	0	1.0	0
Critical hours	2209.0	2159.0	1649.2	2208.0	2059.6	2183.0	2156.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**1.6**	**1.6**

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	1.0	0	0	0
Critical hours	2209.0	2159.0	1649.2	2208.0	2059.6	2183.0	2156.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.8**	**0.8**

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 > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	0	0	1	0	1	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**2**	**2**	**1**	**1**

Licensee Comments:

4Q/15: 1/21/16-LER 2015-005-00 was submitted on November 2, 2015 due to a Division 4 high steam flow isolation actuation failure on the HPCI system which rendered HPCI inoperable. No color threshold change resulted from this event.

2Q/15: LER 2015-001-00 was submitted on June 4, 2015 due to a small electrical fire in one compartment of a 250 VDC MCC which rendered HPCI inoperable. The fire was extinguished within 8 minutes. No color threshold resulted from this event.

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)	2.90E-09	2.12E-09	2.44E-09	2.50E-09	4.11E-09	3.45E-09	3.20E-09	2.66E-09
URI (ΔCDF)	2.04E-08	2.10E-08	1.87E-08	1.73E-08	-2.26E-08	-2.35E-08	-4.46E-08	-4.46E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.30E-08**	**2.30E-08**	**2.10E-08**	**2.00E-08**	**-1.90E-08**	**-2.00E-08**	**-4.10E-08**	**-4.20E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	4.64E-09	-3.48E-09	-1.77E-08	-1.09E-08	4.69E-09	5.08E-09	1.91E-08	1.92E-08
URI (ΔCDF)	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.60E-08**	**-5.40E-08**	**-6.80E-08**	**-6.10E-08**	**-4.60E-08**	**-4.50E-08**	**-3.10E-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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	1.99E-09	6.17E-09	6.49E-09	5.40E-11	9.55E-09	7.54E-09	1.55E-08	2.84E-08
URI (ΔCDF)	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-1.40E-08**	**-1.30E-08**	**-2.00E-08**	**-1.00E-08**	**-1.20E-08**	**-4.20E-09**	**8.70E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	6.28E-08	5.42E-08	6.32E-08	5.17E-08	5.68E-08	5.69E-08	4.11E-08	3.53E-08
URI (ΔCDF)	-1.15E-08	-1.10E-08	-1.18E-08	-1.17E-08	-1.19E-08	-1.16E-08	-1.01E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.10E-08**	**4.30E-08**	**5.10E-08**	**4.00E-08**	**4.50E-08**	**4.50E-08**	**3.10E-08**	**2.50E-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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	4.61E-08	4.21E-08	4.15E-08	3.99E-08	3.70E-08	3.02E-08	2.90E-08	3.55E-08
URI (ΔCDF)	-7.58E-08	-7.22E-08	-7.24E-08	-7.27E-08	-7.24E-08	-7.50E-08	-7.41E-08	-7.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-08**	**-3.00E-08**	**-3.10E-08**	**-3.30E-08**	**-3.50E-08**	**-4.50E-08**	**-4.50E-08**	**-4.00E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**
Maximum activity	0.000012	0.000008	0.000007	0.000007	0.000009	0.000008	0.000006	0.000005	0.000005	0.000007	0.000005	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**
Maximum activity	0.000009	0.000008	0.000008	0.000007	0.000007	0.000008	0.000008	0.000008	0.000009	0.000010	0.000009	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	1.400	1.600	1.600	1.600	1.900	1.600	1.500	1.400	1.300	1.400	1.600	1.700
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.3**	**5.3**	**5.3**	**6.3**	**5.3**	**5.0**	**4.7**	**4.3**	**4.7**	**5.3**	**5.7**
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	1.800	2.000	2.000	1.400	1.500	1.500	1.400	1.400	1.400	1.400	1.500	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**6.0**	**6.7**	**6.7**	**4.7**	**5.0**	**5.0**	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	37.0	27.0	32.0	48.0	26.0	30.0	30.0	73.0
Total opportunities	37.0	27.0	34.0	49.0	26.0	30.0	32.0	75.0
Indicator value	**98.3%**	**98.3%**	**97.8%**	**98.1%**	**98.4%**	**98.4%**	**98.2%**	**97.7%**

Licensee Comments:

1Q/15: 10/21/15 - March 2014 data was changed from 4 successful drill opportunities out of 4 total opportunities to 8 successful opportunities out of 8 total opportunities. A reporting error was identified during an EP self assessment. No color or PI threshold change is impacted by this data correction.

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	66.0	66.0	66.0	66.0	65.0	63.0	66.0	68.0
Total Key personnel	67.0	67.0	66.0	66.0	65.0	63.0	66.0	68.0
Indicator value	**98.5%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/15: 10/21/15 - The number of participating key personnel and total key personnel was corrected for 2nd quarter 2014 after an EP self assessment identified that offsite ERO members had not been included. No color or PI threshold change is impacted by this correction.

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	2144	2144	2133	2145	2143	2145	2144	2144
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**

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

Limerick 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	1.0	0	1.0	0	0
Critical hours	2159.0	1649.2	2208.0	2059.6	2183.0	2156.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**1.6**	**1.6**	**0.8**

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	1.0	0	0	0	0
Critical hours	2159.0	1649.2	2208.0	2059.6	2183.0	2156.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**0.8**	**0.8**	**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 > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	0	1	0	1	0	0	0	0
Indicator value	**1**	**1**	**1**	**2**	**2**	**1**	**1**	**0**

Licensee Comments:

4Q/15: 1/21/16-LER 2015-005-00 was submitted on November 2, 2015 due to a Division 4 high steam flow isolation actuation failure on the HPCI system which rendered HPCI inoperable. No color threshold change resulted from this event.

2Q/15: LER 2015-001-00 was submitted on June 4, 2015 due to a small electrical fire in one compartment of a 250 VDC MCC which rendered HPCI inoperable. The fire was extinguished within 8 minutes. No color threshold resulted from this event.

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)	2.12E-09	2.44E-09	2.50E-09	4.11E-09	3.45E-09	3.20E-09	2.66E-09	1.44E-09
URI (ΔCDF)	2.10E-08	1.87E-08	1.73E-08	-2.26E-08	-2.35E-08	-4.46E-08	-4.46E-08	-4.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.30E-08**	**2.10E-08**	**2.00E-08**	**-1.90E-08**	**-2.00E-08**	**-4.10E-08**	**-4.20E-08**	**-4.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-3.48E-09	-1.77E-08	-1.09E-08	4.69E-09	5.08E-09	1.91E-08	1.92E-08	2.36E-08
URI (ΔCDF)	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.40E-08**	**-6.80E-08**	**-6.10E-08**	**-4.60E-08**	**-4.50E-08**	**-3.10E-08**	**-3.10E-08**	**-2.70E-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	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	6.17E-09	6.49E-09	5.40E-11	9.55E-09	7.54E-09	1.55E-08	2.84E-08	2.26E-08
URI (ΔCDF)	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-08**	**-1.30E-08**	**-2.00E-08**	**-1.00E-08**	**-1.20E-08**	**-4.20E-09**	**8.70E-09**	**2.90E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	5.42E-08	6.32E-08	5.17E-08	5.68E-08	5.69E-08	4.11E-08	3.53E-08	3.53E-08
URI (ΔCDF)	-1.10E-08	-1.18E-08	-1.17E-08	-1.19E-08	-1.16E-08	-1.01E-08	-1.00E-08	-9.95E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.30E-08**	**5.10E-08**	**4.00E-08**	**4.50E-08**	**4.50E-08**	**3.10E-08**	**2.50E-08**	**2.50E-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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	4.21E-08	4.15E-08	3.99E-08	3.70E-08	3.02E-08	2.90E-08	3.55E-08	3.63E-08
URI (ΔCDF)	-7.22E-08	-7.24E-08	-7.27E-08	-7.24E-08	-7.50E-08	-7.41E-08	-7.52E-08	-7.58E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-08**	**-3.10E-08**	**-3.30E-08**	**-3.50E-08**	**-4.50E-08**	**-4.50E-08**	**-4.00E-08**	**-4.00E-08**

Licensee Comments: none

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	0.000007	0.000009	0.000008	0.000006	0.000005	0.000005	0.000007	0.000005	0.000006	0.000009	0.000008	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**	**10/16**	**11/16**	**12/16**
Maximum activity	0.000007	0.000007	0.000008	0.000008	0.000008	0.000009	0.000010	0.000009	0.000011	0.000010	0.000010	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**
Maximum leakage	1.600	1.900	1.600	1.500	1.400	1.300	1.400	1.600	1.700	1.800	2.000	2.000
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.3**	**6.3**	**5.3**	**5.0**	**4.7**	**4.3**	**4.7**	**5.3**	**5.7**	**6.0**	**6.7**	**6.7**
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	1.400	1.500	1.500	1.400	1.400	1.400	1.400	1.500	1.400	1.400	1.400	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.0**	**5.0**	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**5.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	27.0	32.0	48.0	26.0	30.0	30.0	73.0	16.0
Total opportunities	27.0	34.0	49.0	26.0	30.0	32.0	75.0	16.0
Indicator value	**98.3%**	**97.8%**	**98.1%**	**98.4%**	**98.4%**	**98.2%**	**97.7%**	**97.6%**

Licensee Comments:

1Q/15: 10/21/15 - March 2014 data was changed from 4 successful drill opportunities out of 4 total opportunities to 8 successful opportunities out of 8 total opportunities. A reporting error was identified during an EP self assessment. No color or PI threshold change is impacted by this data correction.

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	66.0	66.0	66.0	65.0	63.0	66.0	68.0	67.0
Total Key personnel	67.0	66.0	66.0	65.0	63.0	66.0	68.0	67.0
Indicator value	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/15: 10/21/15 - The number of participating key personnel and total key personnel was corrected for 2nd quarter 2014 after an EP self assessment identified that offsite ERO members had not been included. No color or PI threshold change is impacted by this correction.

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	2144	2133	2145	2143	2145	2144	2144	2144
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**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/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

Limerick 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)
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- Reactor Coolant System Activity (BI01)
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- 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	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	0	1.0	0	1.0	0	0	0
Critical hours	1649.2	2208.0	2059.6	2183.0	2156.0	2208.0	2209.0	2159.0
Indicator value	**0**	**0**	**0.9**	**0.9**	**1.6**	**1.6**	**0.8**	**0.8**

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Licensee Comments: none

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	1.0	0	0	0	0	0
Critical hours	1649.2	2208.0	2059.6	2183.0	2156.0	2208.0	2209.0	2159.0
Indicator value	**0**	**0**	**0.9**	**0.9**	**0.8**	**0.8**	**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

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Safety System Functional Failures	1	0	1	0	0	0	0	0
Indicator value	**1**	**1**	**2**	**2**	**1**	**1**	**0**	**0**

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Licensee Comments:
4Q/15: 1/21/16-LER 2015-005-00 was submitted on November 2, 2015 due to a Division 4 high steam flow isolation actuation failure on the HPCI system which rendered HPCI inoperable. No color threshold change resulted from this event.
2Q/15: LER 2015-001-00 was submitted on June 4, 2015 due to a small electrical fire in one compartment of a 250 VDC MCC which rendered HPCI inoperable. The fire was extinguished within 8 minutes. No color threshold resulted from this event.

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)	2.44E-09	2.50E-09	4.11E-09	3.45E-09	3.20E-09	2.66E-09	1.44E-09	1.20E-09
URI (ΔCDF)	1.87E-08	1.73E-08	-2.26E-08	-2.35E-08	-4.46E-08	-4.46E-08	-4.52E-08	-2.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-08**	**2.00E-08**	**-1.90E-08**	**-2.00E-08**	**-4.10E-08**	**-4.20E-08**	**-4.40E-08**	**-2.20E-08**

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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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-1.77E-08	-1.09E-08	4.69E-09	5.08E-09	1.91E-08	1.92E-08	2.36E-08	4.09E-08
URI (ΔCDF)	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.80E-08**	**-6.10E-08**	**-4.60E-08**	**-4.50E-08**	**-3.10E-08**	**-3.10E-08**	**-2.70E-08**	**-9.40E-09**

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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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	6.49E-09	5.40E-11	9.55E-09	7.54E-09	1.55E-08	2.84E-08	2.26E-08	2.27E-08
URI (ΔCDF)	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-2.00E-08**	**-1.00E-08**	**-1.20E-08**	**-4.20E-09**	**8.70E-09**	**2.90E-09**	**3.00E-09**

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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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	6.32E-08	5.17E-08	5.68E-08	5.69E-08	4.11E-08	3.53E-08	3.53E-08	4.96E-08
URI (ΔCDF)	-1.18E-08	-1.17E-08	-1.19E-08	-1.16E-08	-1.01E-08	-1.00E-08	-9.95E-09	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.10E-08**	**4.00E-08**	**4.50E-08**	**4.50E-08**	**3.10E-08**	**2.50E-08**	**2.50E-08**	**4.00E-08**

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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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	4.15E-08	3.99E-08	3.70E-08	3.02E-08	2.90E-08	3.55E-08	3.63E-08	3.38E-08
URI (ΔCDF)	-7.24E-08	-7.27E-08	-7.24E-08	-7.50E-08	-7.41E-08	-7.52E-08	-7.58E-08	-7.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.10E-08**	**-3.30E-08**	**-3.50E-08**	**-4.50E-08**	**-4.50E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.000006	0.000005	0.000005	0.000007	0.000005	0.000006	0.000009	0.000008	0.000008	0.000007	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000008	0.000008	0.000009	0.000010	0.000009	0.000011	0.000010	0.000010	0.000009	0.000011	0.000012	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	1.500	1.400	1.300	1.400	1.600	1.700	1.800	2.000	2.000	1.400	1.500	1.500
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.0**	**4.7**	**4.3**	**4.7**	**5.3**	**5.7**	**6.0**	**6.7**	**6.7**	**4.7**	**5.0**	**5.0**

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	1.400	1.400	1.400	1.400	1.500	1.400	1.400	1.400	1.600	1.400	1.400	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**5.3**	**4.7**	**4.7**	**5.3**

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Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	32.0	48.0	26.0	30.0	34.0	73.0	16.0	30.0
Total opportunities	34.0	49.0	26.0	30.0	36.0	75.0	16.0	31.0
Indicator value	**97.8%**	**98.1%**	**98.4%**	**98.4%**	**98.2%**	**97.8%**	**97.6%**	**97.3%**

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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	66.0	66.0	65.0	63.0	66.0	68.0	67.0	70.0
Total Key personnel	66.0	66.0	65.0	63.0	66.0	68.0	67.0	70.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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Licensee Comments:
2Q/15: 10/21/15 - The number of participating key personnel and total key personnel was corrected for 2nd quarter 2014 after an EP self assessment identified that offsite ERO members had not been included. No color or PI threshold change is impacted by this correction.

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	2133	2145	2143	2145	2144	2144	2144	2145
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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**

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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**

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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

Limerick 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)
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- 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	1.0	0	1.0	0	0	0	0
Critical hours	2208.0	2059.6	2183.0	2156.0	2208.0	2209.0	2159.0	1252.1
Indicator value	**0**	**0.9**	**0.9**	**1.6**	**1.6**	**0.8**	**0.8**	**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	1.0	0	0	0	0	0	0
Critical hours	2208.0	2059.6	2183.0	2156.0	2208.0	2209.0	2159.0	1252.1
Indicator value	**0**	**0.9**	**0.9**	**0.8**	**0.8**	**0**	**0**	**0**

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

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	**1**	**2**	**2**	**1**	**1**	**0**	**0**	**0**

TOP

Licensee Comments:
4Q/15: 1/21/16-LER 2015-005-00 was submitted on November 2, 2015 due to a Division 4 high steam flow isolation actuation failure on the HPCI system which rendered HPCI inoperable. No color threshold change resulted from this event.

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)	2.50E-09	4.11E-09	3.45E-09	3.20E-09	2.66E-09	1.44E-09	1.20E-09	1.48E-09
URI (ΔCDF)	1.73E-08	-2.26E-08	-2.35E-08	-4.46E-08	-4.46E-08	-4.52E-08	-2.34E-08	-2.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.00E-08**	**-1.90E-08**	**-2.00E-08**	**-4.10E-08**	**-4.20E-08**	**-4.40E-08**	**-2.20E-08**	**-2.20E-08**

TOP

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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-1.09E-08	4.69E-09	5.08E-09	1.91E-08	1.92E-08	2.36E-08	4.09E-08	1.51E-08
URI (ΔCDF)	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-08**	**-4.60E-08**	**-4.50E-08**	**-3.10E-08**	**-3.10E-08**	**-2.70E-08**	**-9.40E-09**	**-3.50E-08**

TOP

Licensee Comments: none

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	5.40E-11	9.55E-09	7.54E-09	1.55E-08	2.84E-08	2.26E-08	2.27E-08	2.45E-08
URI (ΔCDF)	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-08**	**-1.00E-08**	**-1.20E-08**	**-4.20E-09**	**8.70E-09**	**2.90E-09**	**3.00E-09**	**4.80E-09**

TOP

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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	5.17E-08	5.68E-08	5.69E-08	4.11E-08	3.53E-08	3.53E-08	4.96E-08	2.57E-08
URI (ΔCDF)	-1.17E-08	-1.19E-08	-1.16E-08	-1.01E-08	-1.00E-08	-9.95E-09	-1.00E-08	-1.23E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-08**	**4.50E-08**	**4.50E-08**	**3.10E-08**	**2.50E-08**	**2.50E-08**	**4.00E-08**	**1.30E-08**

TOP

Licensee Comments: none

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)	3.99E-08	3.70E-08	3.02E-08	2.90E-08	3.55E-08	3.63E-08	3.38E-08	3.84E-08
URI (ΔCDF)	-7.27E-08	-7.24E-08	-7.50E-08	-7.41E-08	-7.52E-08	-7.58E-08	-7.40E-08	-7.61E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.30E-08**	**-3.50E-08**	**-4.50E-08**	**-4.50E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-3.80E-08**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.000007	0.000005	0.000006	0.000009	0.000008	0.000008	0.000007	0.000007	0.000008	0.000008	0.000008	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000010	0.000009	0.000011	0.000010	0.000010	0.000009	0.000011	0.000012	0.000011	0.000021	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.400	1.600	1.700	1.800	2.000	2.000	1.400	1.500	1.500	1.400	1.400	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.3**	**5.7**	**6.0**	**6.7**	**6.7**	**4.7**	**5.0**	**5.0**	**4.7**	**4.7**	**4.7**

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	1.400	1.500	1.400	1.400	1.400	1.600	1.400	1.400	1.600	1.500	1.600	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**5.3**	**4.7**	**4.7**	**5.3**	**5.0**	**5.3**	**4.3**

TOP

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	48.0	26.0	30.0	34.0	73.0	16.0	30.0	25.0
Total opportunities	49.0	26.0	30.0	36.0	75.0	16.0	31.0	25.0
Indicator value	**98.1%**	**98.4%**	**98.4%**	**98.2%**	**97.8%**	**97.6%**	**97.3%**	**97.9%**

TOP

Licensee Comments: none

Notes

ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	66.0	65.0	63.0	66.0	68.0	67.0	70.0	70.0
Total Key personnel	66.0	65.0	63.0	66.0	68.0	67.0	70.0	70.0
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	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	2145	2143	2145	2144	2144	2144	2145	2143
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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

Limerick 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	1.0	0	1.0	0	0	0	0	0
Critical hours	2059.6	2183.0	2156.0	2208.0	2209.0	2159.0	1252.1	2208.0
Indicator value	**0.9**	**0.9**	**1.6**	**1.6**	**0.8**	**0.8**	**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	1.0	0	0	0	0	0	0	1.0
Critical hours	2059.6	2183.0	2156.0	2208.0	2209.0	2159.0	1252.1	2208.0
Indicator value	**0.9**	**0.9**	**0.8**	**0.8**	**0**	**0**	**0**	**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

Notes

Safety System Functional Failures (BWR)	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Safety System Functional Failures	1	0	0	0	0	0	0	1
Indicator value	**2**	**2**	**1**	**1**	**0**	**0**	**0**	**1**

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Licensee Comments:
3Q/17: LER 2017-006-00, HPCI Inoperability during Post Maintenance Testing
4Q/15: 1/21/16-LER 2015-005-00 was submitted on November 2, 2015 due to a Division 4 high steam flow isolation actuation failure on the HPCI system which rendered HPCI inoperable. No color threshold change resulted from this event.

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)	4.11E-09	3.45E-09	3.20E-09	2.66E-09	1.44E-09	1.20E-09	1.48E-09	1.81E-09
URI (ΔCDF)	-2.26E-08	-2.35E-08	-4.46E-08	-4.46E-08	-4.52E-08	-2.34E-08	-2.36E-08	-2.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-08**	**-2.00E-08**	**-4.10E-08**	**-4.20E-08**	**-4.40E-08**	**-2.20E-08**	**-2.20E-08**	**-2.10E-08**

TOP

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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	4.69E-09	5.08E-09	1.91E-08	1.92E-08	2.36E-08	4.09E-08	1.51E-08	1.45E-08
URI (ΔCDF)	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.60E-08**	**-4.50E-08**	**-3.10E-08**	**-3.10E-08**	**-2.70E-08**	**-9.40E-09**	**-3.50E-08**	**-3.60E-08**

TOP

Licensee Comments: none

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	9.55E-09	7.54E-09	1.55E-08	2.84E-08	2.26E-08	2.27E-08	2.45E-08	1.24E-08
URI (ΔCDF)	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-08**	**-1.20E-08**	**-4.20E-09**	**8.70E-09**	**2.90E-09**	**3.00E-09**	**4.80E-09**	**-7.40E-09**

TOP

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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	5.68E-08	5.69E-08	4.11E-08	3.53E-08	3.53E-08	4.96E-08	2.57E-08	3.76E-08
URI (ΔCDF)	-1.19E-08	-1.16E-08	-1.01E-08	-1.00E-08	-9.95E-09	-1.00E-08	-1.23E-08	-1.23E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.50E-08**	**4.50E-08**	**3.10E-08**	**2.50E-08**	**2.50E-08**	**4.00E-08**	**1.30E-08**	**2.50E-08**

TOP

Licensee Comments: none

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)	3.70E-08	3.02E-08	2.90E-08	3.55E-08	3.63E-08	3.38E-08	3.84E-08	3.11E-08
URI (ΔCDF)	-7.24E-08	-7.50E-08	-7.41E-08	-7.52E-08	-7.58E-08	-7.40E-08	-7.61E-08	-7.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.50E-08**	**-4.50E-08**	**-4.50E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-3.80E-08**	**-4.50E-08**

TOP

Licensee Comments: none

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	0.000009	0.000008	0.000008	0.000007	0.000007	0.000008	0.000008	0.000008	0.000009	0.000010	0.000009	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000010	0.000010	0.000009	0.000011	0.000012	0.000011	0.000021	0.000007	0.000008	0.000007	0.000011	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	1.800	2.000	2.000	1.400	1.500	1.500	1.400	1.400	1.400	1.400	1.500	1.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**6.0**	**6.7**	**6.7**	**4.7**	**5.0**	**5.0**	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**

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	1.400	1.400	1.600	1.400	1.400	1.600	1.500	1.600	1.300	1.300	1.200	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**5.3**	**4.7**	**4.7**	**5.3**	**5.0**	**5.3**	**4.3**	**4.3**	**4.0**	**4.3**

TOP

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	26.0	30.0	34.0	73.0	16.0	30.0	25.0	78.0
Total opportunities	26.0	30.0	36.0	75.0	16.0	31.0	25.0	78.0
Indicator value	**98.4%**	**98.4%**	**98.2%**	**97.8%**	**97.6%**	**97.3%**	**97.9%**	**98.4%**

TOP

Licensee Comments: none

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	65.0	63.0	66.0	68.0	67.0	70.0	70.0	71.0
Total Key personnel	65.0	63.0	66.0	68.0	67.0	70.0	70.0	71.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Notes

Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	2143	2145	2144	2144	2144	2145	2143	2145
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**99.8%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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**

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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

Limerick 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	1.0	0	0	0	0	0	0
Critical hours	2183.0	2156.0	2208.0	2209.0	2159.0	1252.1	2208.0	1989.5
Indicator value	**0.9**	**1.6**	**1.6**	**0.8**	**0.8**	**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	0	1.0	0
Critical hours	2183.0	2156.0	2208.0	2209.0	2159.0	1252.1	2208.0	1989.5
Indicator value	**0.9**	**0.8**	**0.8**	**0**	**0**	**0**	**0.9**	**0.9**

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Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

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Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	1	0
Indicator value	**2**	**1**	**1**	**0**	**0**	**0**	**1**	**1**

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Licensee Comments:
3Q/17: LER 2017-006-00, HPCI Inoperability during Post Maintenance Testing

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	3.45E-09	3.20E-09	2.66E-09	1.44E-09	1.20E-09	1.48E-09	1.81E-09	3.37E-09
URI (ΔCDF)	-2.35E-08	-4.46E-08	-4.46E-08	-4.52E-08	-2.34E-08	-2.36E-08	-2.30E-08	-2.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-08**	**-4.10E-08**	**-4.20E-08**	**-4.40E-08**	**-2.20E-08**	**-2.20E-08**	**-2.10E-08**	**1.30E-09**

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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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	5.08E-09	1.91E-08	1.92E-08	2.36E-08	4.09E-08	1.51E-08	1.45E-08	3.20E-08
URI (ΔCDF)	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08	-5.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-3.10E-08**	**-3.10E-08**	**-2.70E-08**	**-9.40E-09**	**-3.50E-08**	**-3.60E-08**	**-1.80E-08**

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Licensee Comments: none

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)	7.54E-09	1.55E-08	2.84E-08	2.26E-08	2.27E-08	2.45E-08	1.24E-08	1.27E-08
URI (ΔCDF)	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08	-1.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-08**	**-4.20E-09**	**8.70E-09**	**2.90E-09**	**3.00E-09**	**4.80E-09**	**-7.40E-09**	**-7.10E-09**

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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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	5.69E-08	4.11E-08	3.53E-08	3.53E-08	4.96E-08	2.57E-08	3.76E-08	2.74E-08
URI (ΔCDF)	-1.16E-08	-1.01E-08	-1.00E-08	-9.95E-09	-1.00E-08	-1.23E-08	-1.23E-08	-1.28E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.50E-08**	**3.10E-08**	**2.50E-08**	**2.50E-08**	**4.00E-08**	**1.30E-08**	**2.50E-08**	**1.50E-08**

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Licensee Comments: none

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)	3.02E-08	2.90E-08	3.55E-08	3.63E-08	3.38E-08	3.84E-08	3.11E-08	3.02E-08
URI (ΔCDF)	-7.50E-08	-7.41E-08	-7.52E-08	-7.58E-08	-7.40E-08	-7.61E-08	-7.64E-08	-7.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-4.50E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-3.80E-08**	**-4.50E-08**	**-4.60E-08**

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Licensee Comments: none

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	0.000007	0.000007	0.000008	0.000008	0.000008	0.000009	0.000010	0.000009	0.000011	0.000010	0.000010	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**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	0.000011	0.000012	0.000011	0.000021	0.000007	0.000008	0.000007	0.000011	0.000006	0.000009	0.000008	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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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	1.400	1.500	1.500	1.400	1.400	1.400	1.400	1.500	1.400	1.400	1.400	1.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**5.0**	**5.0**	**4.7**	**4.7**	**4.7**	**4.7**	**5.0**	**4.7**	**4.7**	**4.7**	**5.3**

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	1.400	1.400	1.600	1.500	1.600	1.300	1.300	1.200	1.300	1.600	1.400	1.300
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.7**	**4.7**	**5.3**	**5.0**	**5.3**	**4.3**	**4.3**	**4.0**	**4.3**	**5.3**	**4.7**	**4.3**

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Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	30.0	34.0	73.0	16.0	30.0	25.0	78.0	35.0
Total opportunities	30.0	36.0	75.0	16.0	31.0	25.0	78.0	35.0
Indicator value	**98.4%**	**98.2%**	**97.8%**	**97.6%**	**97.3%**	**97.9%**	**98.4%**	**98.5%**

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Licensee Comments: none

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	63.0	66.0	68.0	67.0	70.0	70.0	71.0	68.0
Total Key personnel	63.0	66.0	68.0	67.0	70.0	70.0	71.0	68.0
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	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	2145	2144	2144	2144	2145	2143	2145	2144
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	**99.8%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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**

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Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

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Current data as of: February 1, 2018

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