



Nuclear

T.S.6.9.1.6

April 9, 2001

Docket Nos. 50-352

50-353

License Nos. NPF-39

NPF-85

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Subject: Limerick Generating Station  
Monthly Operating Report For Units 1 and 2

Enclosed are the monthly operating reports for Limerick Units 1 and 2 for the month of March 2001 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

A handwritten signature in black ink, appearing to read "R. Braun", with a long horizontal flourish extending to the right.

Robert C. Braun  
Plant Manager

ksm

*ksm*

Enclosures

cc: H. J. Miller, Administrator, Region I, USNRC  
A. L. Burritt, USNRC Senior Resident Inspector LGS  
W. Levis, Vice President, LGS  
J. M. Armstrong, Director-Site Engineering, LGS  
S. T. Gamble, LGS Experience Assessment Branch, SSB2-4  
P. R. Driehaus, Jr., LGS ISEG Branch, SMB-2-5

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Limerick Generating Station  
Unit 1  
March 1 through March 31, 2001

I. Narrative Summary of Operating Experiences

Unit 1 began the month of March 2001 at 100% of rated thermal power (RTP).

On March 8<sup>th</sup> at 2200 hours, power reduction began for maintenance outage 1M36 to check torque values on safety relief valve (SRV) flanges. On March 9<sup>th</sup> at 0202 hours, the reactor was manually scrammed in accordance with normal plant shutdown procedures. The reactor became critical on March 9<sup>th</sup> at 1928 hours. The main generator was synchronized on March 10<sup>th</sup> at 0131 hours. Reactor power was restored to 100% on March 10<sup>th</sup> at 1700 hours.

On March 11<sup>th</sup> at 2100 hours reactor power was reduced to 70% RTP for the first Rod Pattern Adjustment following 1M36. On March 12<sup>th</sup> at 0013 hours reactor power was restored to 100% RTP.

On March 16<sup>th</sup> at 2301 hours, power was reduced to 90% RTP for the second Rod Pattern Adjustment following 1M36. On March 17<sup>th</sup> at 0044 hours, reactor power was restored to 100% RTP.

Unit 1 ended the month of March 2001 at 100% RTP.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of March. There have been no challenges to the Main Steam Safety Relief Valves on Unit 1 year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-352  
 DATE APRIL 9, 2001  
 COMPLETED BY Exelon Corporation  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

OPERATING STATUS

1. UNIT NAME:..... LIMERICK UNIT 1  
 2. REPORTING PERIOD:..... MARCH 2001  
 3. DESIGN ELECTRICAL RATING:..... 1143  
 4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE):..... 1183  
 5. MAXIMUM DEPENDABLE CAPACITY (NET MWE):..... 1143

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	726.6	2,142.6	114,955.2
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	719.9	2,135.9	113,064.1
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	837,217	2,509,835	114,858,735

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE APRIL 9, 2001  
 COMPLETED BY Exelon Corporation  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

REPORT MONTH MARCH 2001

NO.	DATE	TYPE (1)	GENERATOR	REASON (2)	METHOD OF SHUTTING	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
			OFF LINE DURATION (HOURS)		DOWN REACTOR (3)	
362	3/8/01	S	24.1	B	2	MAINTENANCE OUTAGE 1M36

(1)  
 Type  
 F -- Forced  
 S -- Scheduled

(2)  
 Reason  
 A -- Equipment Failure  
 B -- Maintenance or Test  
 C -- Refueling  
 D -- Regulatory Restriction  
 E -- Operational Training & License Examination  
 F -- Administrative  
 G -- Operational Error (Explain)  
 H -- Other (Explain)

(3)  
 Method  
 1 -- Manual  
 2 -- Manual Scram  
 3 -- Automatic Scram  
 4 -- Other (Explain)

Limerick Generating Station  
Unit 2  
March 1 through March 31, 2001

I. Narrative Summary of Operating Experiences

Unit 2 began the month of March 2001 at 94% of rated thermal power (RTP) in end of cycle coast down.

On March 17<sup>th</sup> at 2231 hours, reactor power was reduced from 88.1% to 75% RTP to remove the 2A reactor feed pump from service. Reactor power was further reduced to 65% RTP to replace the 2D Outboard Main Steam Isolation Valve (MSIV) DC solenoid. On March 18<sup>th</sup> at 0558 hours power ascension to 88% was complete. Reactor power continued to rise to 89.5% due to an expected xenon transient. Reactor power was restored to 88% on March 18<sup>th</sup> at 1824 hours.

On March 22<sup>nd</sup> at 2226 hours, reactor power decreased to 56% RTP due to a Reactor Recirculation pump runback on low level and subsequently lowered to 50% on March 23<sup>rd</sup> at 0252 hours. An investigation was conducted on the feedwater level transient. It was verified that the feedwater system was functioning properly. On March 23<sup>rd</sup> at 0630 hours, reactor power was returned to 86% RTP.

On March 26<sup>th</sup> at 2202 hours reactor power was reduced to 75% RTP to return the 2A Reactor Feed Pump to service. On March 27<sup>th</sup> at 0630 hours, reactor power was restored to 84.9% RTP.

On March 27<sup>th</sup> at 1200 hours, reactor power was reduced to 76% RTP to remove 2C Reactor Feed Pump and 2B Condensate Pump from service for maintenance. On March 27<sup>th</sup> at 1438 hours, reactor power was returned to 84% RTP.

Unit 2 ended the month of March 2001 at 83% RTP in end of cycle coast down.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of March. There has been one challenge to the Main Steam Safety Relief Valves on Unit 2 year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-353  
 DATE APRIL 9, 2001  
 COMPLETED BY Exelon Corporation  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

OPERATING STATUS

1. UNIT NAME:..... LIMERICK UNIT 2  
 2. REPORTING PERIOD:..... MARCH 2001  
 3. DESIGN ELECTRICAL RATING:..... 1143  
 4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE):..... 1183  
 5. MAXIMUM DEPENDABLE CAPACITY (NET MWE):..... 1143

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,101.9	91,234.6
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	744.0	2,075.0	89,606.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	734,064	2,204,000	94,585,370

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353  
 UNIT LIMERICK UNIT 2  
 DATE APRIL 9, 2001  
 COMPLETED BY Exelon Corporation  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

REPORT MONTH MARCH 2001

NO.	DATE	TYPE (1)	GENERATOR OFF LINE DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
383	006	F	0	A	4	REACTOR RECIRC RUNBACK ON LOW REACTOR LEVEL WHILE PLACING FW SYSTEM IN SINGLE LOOP OPERATION

(1)  
 Type  
 F -- Forced  
 S -- Scheduled

(2)  
 Reason  
 A -- Equipment Failure  
 B -- Maintenance or Test  
 C -- Refueling  
 D -- Regulatory Restriction  
 E -- Operational Training & License Examination  
 F -- Administrative  
 G -- Operational Error (Explain)  
 H -- Other (Explain)

(3)  
 Method  
 1 -- Manual  
 2 -- Manual Scram  
 3 -- Automatic Scram  
 4 -- Other (Explain)