

Exelon Nuclear  
Limerick Generating Station  
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T.S.6.9.1.6

March 15, 2002

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

Limerick Generating Station, Unit 1 and 2  
Facility Operating License Nos. NPF-39 and NPF-85  
NRC Docket Nos. 50-352 and 50-353

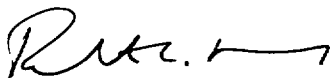
Subject: Limerick Generating Station Monthly Operating Report For Units 1 and 2

Enclosed are the monthly operating reports for Limerick Units 1 and 2 for the month of February 2002 forwarded pursuant to Technical Specification 6.9.1.6.

In addition, attached is a revised copy of the Unit 2 Summary Page of the December 2001 Monthly Operating Report which incorrectly reported that there were no Main Steam Safety Relief Valve challenges year-to-date when in fact there was a challenge on Feb. 23, 2001. Also, included are some typographical changes to the Unit 2 Summary Page of the January 2002 Monthly Operating Report.

If you have any questions or require additional information, please do not hesitate to contact us.

Very truly yours,



Robert C. Braun  
Plant Manager

Attachments

cc: H. J. Miller, Administrator, Region I, USNRC  
A. L. Burritt, LGS USNRC Senior Resident Inspector

JE24

bcc: W. Levis, GML 5-1  
C. Mudrick, SSB 3-1  
S. T. Gamble, SSB 2-4  
S.P. Breeding, SSB 2-3  
J.C. Toro, SMB 1-2  
E. Kelly, SSB 3-1  
G. Lee, SSB 3-1

Limerick Generating Station  
Unit 1  
February 1 through February 28, 2002

I. Narrative Summary of Operating Experiences

Unit 1 began the month of February 2002 at 97% of rated thermal power (RTP) in end-of-cycle coastdown.

Throughout the month, unless specified below, when the unit operated at less than 100% RTP, it was due to end-of-cycle coastdown.

On February 10<sup>th</sup> at 2200 hours, reactor power was reduced from 93.3% to 77.8% RTP to remove the 1B reactor feed pump from service. On February 11<sup>th</sup> at 0050 hours, reactor power was restored to 91.4% RTP.

On February 15<sup>th</sup> at 1203 hours, reactor power was reduced from 91.6% to 79.1% RTP to restore the 1B reactor feed pump back in service. At 1607 hours, reactor power was restored to 89.6% RTP.

On February 17<sup>th</sup> at 2200 hours, reactor power was reduced from 90.6% to 76.6% RTP to remove the 1C reactor feed pump from service. At 2352 hours, reactor power was restored to 89.6% RTP.

On February 22<sup>nd</sup> at 0003 hours, reactor power was reduced from 89.4% to 76.8% RTP to restore the 1C reactor feed pump back to service. At 0413 hours, reactor power was restored to 86.5% RTP.

On February 24<sup>th</sup> at 2200 hours, reactor power was reduced from 88.2% to 78.8% RTP to remove the 1A reactor feed pump service. On February 25<sup>th</sup> at 0006 hours, reactor power was restored to 86.7% RTP.

Unit 1 ended the month of February 2002 at 86% RTP in end-of-cycle coastdown.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of February. 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 MARCH 8, 2002  
 COMPLETED BY EXELON CORPORATION  
 G. J. LEE  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3707

## OPERATING STATUS

1. UNIT NAME:..... LIMERICK UNIT 1  
 2. REPORTING PERIOD:..... FEBRUARY 2002  
 3. DESIGN ELECTRICAL RATING:..... 1191  
 4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE):..... 1174  
 5. MAXIMUM DEPENDABLE CAPACITY (NET MWE):..... 1134

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	122,971.2
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	672.0	1,416.0	121,080.1
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	691,034	1,539,889	124,021,888

# UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE MARCH 8, 2002  
 COMPLETED BY EXELON CORPORATION  
 G. J. LEE  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3707

REPORT MONTH FEBRUARY 2002

NO.	DATE	TYPE (1)	GENERATOR OFF LINE DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE

(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  
February 1 through February 28, 2002

I. Narrative Summary of Operating Experiences

Unit 2 began the month of February 2002 at 100% of rated thermal power (RTP).

On February 23<sup>rd</sup> at 2200 hours, reactor power was reduced to 92% RTP for quarterly turbine valve and MSIV testing. On February 24<sup>th</sup> at 0520 hours, reactor power was restored to 100% RTP.

Unit 2 ended the month of February 2002 at 100% of RTP.

II. Challenges to Main Steam Safety Relief Valves

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

# OPERATING DATA REPORT

DOCKET NO. 50-353  
 DATE MARCH 8, 2002  
 COMPLETED BY EXELON CORPORATION  
 G. J. LEE  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3707

## OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 2  
 2. REPORTING PERIOD: FEBRUARY 2002  
 3. DESIGN ELECTRICAL RATING: 1191  
 4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1174  
 5. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1134

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	98,849.0
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	672.0	1,416.0	97,178.9
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	791,723	1,665,936	103,290,660

# UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353  
UNIT LIMERICK UNIT 2  
DATE MARCH 8, 2002  
COMPLETED BY EXELON CORPORATION  
G. J. LEE  
REPORTS ENGINEER  
SITE ENGINEERING  
LIMERICK GENERATING STATION  
TELEPHONE (610) 718-3707

REPORT MONTH FEBRUARY 2002

NO.	DATE	TYPE (1)	GENERATOR OFF LINE DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
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(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  
December 1 through December 31, 2001

I. Narrative Summary of Operating Experiences

Unit 2 began the month of December 2001 at 100% of rated thermal power (RTP).

There were no power changes this month on Unit 2.

Unit 2 ended the month of December 2001 at 100% of RTP.

II. Challenges to Main Steam Safety Relief Valves

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

Limerick Generating Station  
Unit 2  
January 1 through January 31, 2002

I. Narrative Summary of Operating Experiences

Unit 2 began the month of January 2002 at 100% of rated thermal power (RTP).

On January 3<sup>rd</sup> at 2200 hours, reactor power was reduced to 96% RTP for rod pattern adjustment. At 2329 hours, reactor power was restored to 100% RTP.

On January 5<sup>th</sup> at 2215 hours, reactor power was reduced to 71% RTP for rod pattern adjustment and control rod scram time testing. On January 6<sup>th</sup> at 1244 hours, reactor power was restored to 100% RTP.

On January 26<sup>th</sup> at 0958 hours, reactor power was reduced to 99% RTP due to a reactor level and power transient that occurred during the quarterly testing of HV-001-209, main steam to condenser hotwell steam sparger valve, at 0955 hours. At 1045 hours reactor power was restored to 100% RTP.

Unit 2 ended the month of January 2002 at 100% of RTP.

II. Challenges to Main Steam Safety Relief Valves

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