

Exelon Nuclear  
Limerick Generating Station  
P.O. Box 2300  
Sanatoga, PA 19464

www.exeloncorp.com

T.S.6.9.1.6

February 8, 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

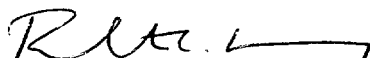
Subject: Limerick Generating Station Monthly Operating Report For Units 1 and 2

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

In addition, the Design Electrical Rating (DER) has been revised from 1143 MWe to 1191 MWe to reflect the current plant design since the turbine retrofits. This rating is retroactive to June 1998 for Unit 1 and June 1999 for Unit 2.

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

Very truly yours,



Robert C. Braun  
Plant Manager

gjl

Attachments

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

IE24

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

I. Narrative Summary of Operating Experiences

Unit 1 began the month of January 2002 at 99% 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 January 3<sup>rd</sup> at 1110 hours, reactor power was reduced from 97.9% to 96.7% RTP to remove 6C feedwater heater from service. At 1200 hours, reactor power was restored to 100% RTP.

On January 8<sup>th</sup> at 1346 hours, reactor power was reduced from 98.7% to 96.5% RTP to remove 6B feedwater heater from service. At 1450 hours, reactor power was restored to 100% RTP.

On January 15<sup>th</sup> at 1206 hours, reactor power was reduced from 98.7% to 96.5% RTP to remove 5C feedwater heater from service. At 1300 hours, reactor power was restored to 100% RTP.

On January 18<sup>th</sup> at 1127 hours, reactor power was reduced from 99.3% to 96.5% RTP to remove 5A feedwater heater from service. At 1230 hours, reactor power was restored to 100% RTP.

On January 22<sup>nd</sup> at 1246 hours, reactor power was reduced from 99.5% to 96.6% RTP to remove 5B feedwater heater from service. At 1330 hours, reactor power was restored to 100% RTP.

Unit 1 ended the month of January 2002 at 97% 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 January. 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 FEBRUARY 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: JANUARY 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	744.0	744.0	122,299.2
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	744.0	744.0	120,408.1
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	848,855	848,855	123,330,854

# UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

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

REPORT MONTH JANUARY 2002

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

(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  
January 1 through January 31, 2000

I. Narrative Summary of Operating Experiences

Unit 2 began the month of January 2000 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 2000 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.

# OPERATING DATA REPORT

DOCKET NO. 50-353  
 DATE FEBRUARY 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: JANUARY 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	744.0	744.0	98,177.0
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	744.0	744.0	96,506.9
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	874,213	874,213	102,498,937

# UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

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

REPORT MONTH JANUARY 2002

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

(1)  
 Type  
 F -- Forced  
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 Reason  
 A -- Equipment Failure  
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 D -- Regulatory Restriction  
 E -- Operational Training & License Examination  
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(3)  
 Method  
 1 -- Manual  
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