

# Exelon<sup>SM</sup>

Nuclear

T.S.6.9.1.6

October 11, 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 September 2001 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

*William P. O'Malley for R. Braun*

*W. O'Malley*  
Robert C. Braun  
Plant Manager

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Enclosures

cc: H. J. Miller, Administrator, Region I, USNRC  
A. L. Burritt, LGS USNRC Senior Resident Inspector  
W. Levis, LGS Vice President  
J. M. Armstrong, LGS Director-Site Engineering, SSB3-1  
S. T. Gamble, LGS Experience Assessment Branch, SSB2-4  
P. R. Driehaus, Jr., SMB-2-5

IE 24

Limerick Generating Station  
Unit 1  
September 1 through September 30, 2001

I. Narrative Summary of Operating Experiences

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

On September 7<sup>th</sup> at 2206 hours, reactor power was reduced to 77% RTP for a rod pattern adjustment, scram time testing, MSIV testing, and main turbine control valve, stop valve and CIV testing. On September 9<sup>th</sup> at 0030 hours, reactor power was restored to 100% RTP.

On September 22<sup>nd</sup> at 0200 hours, reactor power was reduced to 96% RTP to remove the 6A feedwater heater from service, and for a rod pattern adjustment. On September 22<sup>nd</sup> at 0314 hours, reactor power was restored to 100% RTP.

On September 22<sup>nd</sup> at 2307 hours, reactor power was reduced to 94% RTP to return the 6A feedwater heater to service. On September 23<sup>rd</sup> at 0042 hours, reactor power was restored to 100% RTP.

Unit 1 ended the month of September 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 September. 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 OCTOBER 11, 2001  
 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: ..... SEPTEMBER 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	720.0	6,533.6	119,346.2
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	6,526.9	117,455.1
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	829,486	7,560,280	119,909,180

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE OCTOBER 11, 2001  
 COMPLETED BY EXELON CORPORATION  
 G. J. LEE  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3707

REPORT MONTH SEPTEMBER 2001

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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  
September through September 30, 2001

I. Narrative Summary of Operating Experiences

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

On September 15<sup>th</sup> at 2200 hours, reactor power was reduced to 60% RTP for a rod pattern adjustment, scram time testing and condenser water box cleaning. On September 17<sup>th</sup> at 0105 hours, reactor power was restored to 100% RTP.

Unit 2 ended the month of September 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 September. 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 OCTOBER 11, 2001  
 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: ..... SEPTEMBER 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	720.0	6,091.3	95,224.0
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	6,022.1	93,553.9
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	825,390	6,656,783	99,038,153

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353  
 UNIT LIMERICK UNIT 2  
 DATE OCTOBER 11, 2001  
 COMPLETED BY EXELON CORPORATION  
 G. J. LEE  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3707

REPORT MONTH SEPTEMBER 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
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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)