



**PECO NUCLEAR**

A Unit of PECO Energy

PECO Energy Company  
PO Box 2300  
Sanatoga, PA 19464-0920

T.S.6.9.1.6

May 5, 2000

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 April 2000 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

Caren B. Anders  
Director - Site Engineering

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Enclosures

cc: H. J. Miller, Administrator, Region I, USNRC  
A. L. Burritt, USNRC Senior Resident Inspector LGS  
J. D. von Suskil, Vice President, LGS  
S. T. Gamble, LGS Experience Assessment Branch, SSB2-4  
S. A. Auve, LGS ISEG Branch, SSB4-2

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Limerick Generating Station  
Unit 1  
April 1 through April 30, 2000

I. Narrative Summary of Operating Experiences

Unit 1 began the month of April 2000 at 0% of rated thermal power with 1R08 refuel outage in progress.

On April 24, 2000 at 1229, the reactor mode switch was placed in startup.

On April 24, 2000 at 1751 hours, reactor criticality was achieved during start-up from 1R08 refuel outage. Power ascension proceeded.

On April 28, 2000 at 1040 hours, the main generator was synchronized to the grid at 22% of RTP. On April 28, 2000 at 1418 hours, the main generator was re-synchronized to the grid at 22% of RTP following satisfactory overspeed testing.

On April 30, 2000 at 0600 hours, the unit reached 100% of RTP. Recirc flow was maximized, and core thermal power was allowed to decrease so that xenon could "build in" to the core.

Unit 1 ended the month of April 2000 at 91% RTP with xenon still "building in" to the core.

II. Challenges to Main Steam Safety Relief Valves

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

# OPERATING DATA REPORT

DOCKET NO. 50-352  
DATE MAY 5, 2000  
COMPLETED BY PECO ENERGY COMPANY  
P. A. HINCHEY  
THERMAL PERFORMANCE ENGINEER  
SITE ENGINEERING  
LIMERICK GENERATING STATION  
TELEPHONE (610) 718-3797

## OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1  
2. REPORTING PERIOD: APRIL 2000  
3. DESIGN ELECTRICAL RATING: 1134  
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	150.2	2,278.0	106,984.6
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	60.2	2,187.1	105,131.7
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	38,465	2,383,036	105,736,735

# UNIT SHUTDOWNS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE MAY 5, 2000  
 COMPLETED BY PECO ENERGY COMPANY  
 P. A. HINCHEY  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3797

REPORT MONTH APRIL 2000

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
352	000329	S	658.8	C	1	Refuel Outage IR08

(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  
April 1 through April 30, 2000

I. Narrative Summary of Operating Experiences

Unit 2 began the month of April 2000 at 100% of rated thermal power (RTP).

On April 30<sup>th</sup> at 1148 reactor power was reduced to 98% RTP for a control rod pattern adjustment. Reactor power was returned to 100% RTP on April 30<sup>th</sup> at 1200.

Unit 2 ended the month of April 2000 at 100% of rated thermal power.

II. Challenges to Main Steam Safety Relief Valves

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

# OPERATING DATA REPORT

DOCKET NO. 50-353  
 DATE MAY 5, 2000  
 COMPLETED BY PECO ENERGY COMPANY  
 P. A. HINCHEY  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3797

## OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 2  
 2. REPORTING PERIOD: APRIL 2000  
 3. DESIGN ELECTRICAL RATING: 1150  
 4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1190  
 5. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1150

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,839.6	83,251.7
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	719.0	2,780.5	81,650.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	842,449	3,217,687	85,648,335

# UNIT SHUTDOWNS

DOCKET NO. 50-353  
 UNIT LIMERICK UNIT 2  
 DATE MAY 5, 2000  
 COMPLETED BY PECO ENERGY COMPANY  
 P. A. HINCHEY  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3797

REPORT MONTH APRIL 2000

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