



**PECO NUCLEAR**

A Unit of PECO Energy

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

T.S.6.9.1.6

July 11, 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 June 2000 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

James M. Armstrong  
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  
P. R. Driehaus, Jr., LGS ISEG Branch, SMB-2-5

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

I. Narrative Summary of Operating Experiences

Unit 1 began the month of June 2000 at 100% of rated thermal power (RTP).

On June 1<sup>st</sup> at approximately 1600 hours reactor (rx) power changed to 99.4% RTP as expected in response to installation of new feedwater flow coefficients. At 1643 hours rx power was returned to 100% RTP.

On June 4<sup>th</sup> at 1001 hours rx power was reduced to 99.4% in administrative response to 1A reactor feed pump turbine loss of power alarm. During the transient, rx power had reached a high of 100.23% for approximately 15 seconds. At 1155 hours rx power was further reduced to 60% for emergent water box work. On June 5<sup>th</sup> at 0935 hours rx power was returned to 100%.

On June 10<sup>th</sup> at 2200 hours rx power was reduced to 90% to perform rod pattern adjustments. At 2323 hours rx power was returned to 100%.

Unit 1 ended the month of June 2000 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 June. There have been no challenges to the Main Steam Safety Relief Valves year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-352  
 DATE JULY 11, 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: ..... JUNE 2000  
 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	3,716.8	108,423.4
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	3,615.4	106,560.0
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	818,507	3,983,803	107,337,502

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE JULY 13, 2000  
 COMPLETED BY PECO ENERGY COMPANY  
 P. A. HINCHEY  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3797

REPORT MONTH JUNE 2000

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
358	000604	F	0	B	4	HP Cndr Waterbox Tube Repairs Loop B

(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  
June 1 through June 30, 2000

I. Narrative Summary of Operating Experiences

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

On June 1<sup>st</sup> at 1040 hours rx power was reduced to 99.6% prior to feedwater flow coefficient adjustment. At 1420 hours rx was returned to 100%.

On June 18<sup>th</sup> at 1855 hours rx was reduced to 99.6% in administrative response to computer signal problem caused by failed MUX card. At 2000 hours rx power was returned to 100% RTP.

Unit 2 ended the month of June 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 June. There have been no challenges to the Main Steam Safety Relief Valves year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-353  
 DATE JULY 11, 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: ..... JUNE 2000  
 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	4,303.6	84,715.7
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	4,244.5	83,114.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	825,975	4,894,759	87,325,407

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353  
 UNIT LIMERICK UNIT 2  
 DATE JULY 13, 2000  
 COMPLETED BY PECO ENERGY COMPANY  
 P. A. HINCHEY  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3797

REPORT MONTH JUNE 2000

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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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(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)