



**PECO NUCLEAR**  
A Unit of PECO Energy

PECO Energy Company  
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T.S.6.9.1.6

October 4, 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 September 2000 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

James M. Armstrong  
Director - Site Engineering

pah

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

IE 24

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

I. Narrative Summary of Operating Experiences

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

On September 15<sup>th</sup> at 2112 hours, reactor power was reduced to 90% to perform main steam isolation valve and turbine control valve testing. On September 16<sup>th</sup> at 0543 hours, reactor power was further reduced to 60% to perform rod pattern adjustments, scram time testing and 1B condensate pump maintenance. At 1540 hours, reactor power was further reduced to 58% to complete rod pattern adjustments. On September 17<sup>th</sup> at 1630 hours, reactor power was returned to 100% RTP.

On September 22<sup>nd</sup> at 2210 hours, reactor power was reduced to 80% to perform rod pattern adjustments. On September 23<sup>rd</sup> at 0749 hours, reactor power was returned to 100% RTP.

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

OPERATING DATA REPORT

DOCKET NO. 50-352  
 DATE OCTOBER 3, 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:	SEPTEMBER 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	5,924.8	110,631.4
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	5,823.4	108,768.0
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	818,779	6,511,928	109,865,627

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE OCTOBER 4, 2000  
 COMPLETED BY PECO ENERGY COMPANY  
 P. A. HINCHEY  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3797

REPORT MONTH SEPTEMBER 2000

NO.	DATE	TYPE (1)	GENERATOR OFF LINE DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
359	000915	S	0	B	4	ROD PAT ADJ, MSIV & TCV TESTING, SCRAM TIME TESTING, COND PUMP MAINTENANCE

(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 1 through September 30, 2000

I. Narrative Summary of Operating Experiences

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

On September 6<sup>th</sup> at 2126 hours, reactor power was reduced to 88% to perform main steam isolation valve and turbine control valve testing. On September 7<sup>th</sup> at 0500 hours, reactor power was returned to 100% RTP.

On September 8<sup>th</sup> at 0830 hours, reactor power was reduced to 58% to perform rod pattern adjustments, scram time testing and trial tube cleaning of the main condenser. On September 9<sup>th</sup> at 0525 hours, reactor power was returned to 100% RTP.

On September 9<sup>th</sup> at 1645 hours, reactor power was reduced to 32% due to 2A recirc pump trip. On September 12<sup>th</sup> at 0302 hours, reactor power was returned to 100% RTP.

On September 12<sup>th</sup> at 2107 hours, reactor power was reduced to 90% to perform rod pattern adjustments. On September 13<sup>th</sup> at 0122 hours, reactor power was returned to 100%.

On September 23<sup>rd</sup> at 2200 hours, reactor power was reduced to 90% to perform rod pattern adjustments. On September 24<sup>th</sup> at 0320 hours, reactor power was returned to 100%.

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

OPERATING DATA REPORT

DOCKET NO. 50-353  
 DATE OCTOBER 3, 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:	SEPTEMBER 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	6,511.6	86,923.7
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	6,452.5	85,322.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	778,039	7,352,462	89,783,110

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353  
 UNIT LIMERICK UNIT 2  
 DATE OCTOBER 4, 2000  
 COMPLETED BY PECO ENERGY COMPANY  
 P. A. HINCHEY  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3797

REPORT MONTH SEPTEMBER 2000

NO.	DATE	TYPE (1)	GENERATOR	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
			OFF LINE DURATION (HOURS)			
380	000908	S	0	B	4	ROD PAT ADJ, SCRAM TIME TESTING, CNDR TUBE TRIAL CLEANING
381	000909	F	0	A	4	RECIRC PUMP TRIP (BLOWN FUSE)

(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)