



**PECO NUCLEAR**

A Unit of PECO Energy

PECO Energy Company  
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Sanatoga, PA 19464-0920

T.S.6.9.1.6

November 8, 1999

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 October 1999 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

Joseph P. Grimes  
Director - Site Engineering

mjt

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  
October 1 through October 31, 1999

I. Narrative Summary of Operating Experiences

Unit 1 began the month of October 1999 at 100% of rated thermal power (RTP).

On October 8<sup>th</sup> at 2209 reactor power was reduced to 60% to perform scram time testing and miscellaneous maintenance. Reactor power was returned to 100% on October 10<sup>th</sup> at 0928.

On October 15<sup>th</sup> at 2200 reactor power was reduced to 86% to perform control rod pattern adjustments. Reactor power was returned to 100% on October 16<sup>th</sup> at 0105.

Unit 1 ended the month of October 1999 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 October. There have been no challenges to the Main Steam Safety Relief Valves year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-352  
 DATE NOVEMBER 5, 1999  
 COMPLETED BY PECO ENERGY COMPANY  
 J. L. KLUCAR  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3785

OPERATING STATUS

1. UNIT NAME: ..... LIMERICK UNIT 1  
 2. REPORTING PERIOD: ..... OCTOBER 1999  
 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	745.0	7,178.0	103,242.6
7. REACTOR RESERCE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	745.0	7,124.9	101,480.7
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	853,730	8,092,103	101,701,797

UNIT SHUTDOWNS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE NOVEMBER 1, 1999  
 COMPLETED BY PECO ENERGY COMPANY  
 J. L. KLUCAR  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3785

REPORT MONTH OCTOBER 1999

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
338	991008	S	35	B	1	SCRAM TIME TESTING AND ROD PATTERN ADJUSTMENT
339	991015	S	3	B	1	ROD PATTERN ADJUSTMENT

(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  
October 1 through October 31, 1999

I. Narrative Summary of Operating Experiences

Unit 2 began the month of October 1999 at 100% of rated thermal power (RTP).

On October 1<sup>st</sup> at 2142 reactor power was reduced to 60% to perform scram time testing and miscellaneous maintenance. Reactor power was returned to 100% on October 3<sup>rd</sup> at 2129.

On October 10<sup>th</sup> at 0008 reactor power was reduced to 80% to perform control rod pattern adjustments. Reactor power was returned to 100% on October 10<sup>th</sup> at 1200.

On October 19<sup>th</sup> at 0427 reactor power was reduced to 20% and the main turbine was tripped to perform main generator neutral bushing repair. Reactor power was returned to 100% on October 22<sup>nd</sup> at 0956.

On October 23<sup>rd</sup> at 0600 reactor power was reduced to 85% to perform control rod pattern adjustments. Reactor power was returned to 100% on October 23<sup>rd</sup> at 1533.

On October 26<sup>th</sup> at 2120 reactor power was reduced to 20% and the main turbine was tripped to perform repairs on the main generator. Reactor power was returned to 100% on October 29<sup>th</sup> at 0429.

On October 29<sup>th</sup> at 2200 reactor power was reduced to 70% to perform control rod pattern adjustments. Reactor power was returned to 100% on October 30<sup>th</sup> at 1058.

Unit 2 ended the month of October 1999 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 October. There have been no challenges to the Main Steam Safety Relief Valves year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-353  
 DATE NOVEMBER 5, 1999  
 COMPLETED BY PECO ENERGY COMPANY  
 J. L. KLUCAR  
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 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3785

OPERATING STATUS

1. UNIT NAME: ..... LIMERICK UNIT 2  
 2. REPORTING PERIOD: ..... OCTOBER 1999  
 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	745.0	6,421.6	78,970.9
7. REACTOR RESERCE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	668.0	6,286.0	77,429.1
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	731,688	6,870,759	80,740,444

UNIT SHUTDOWNS

DOCKET NO. 50-353  
 UNIT LIMERICK UNIT 2  
 DATE NOVEMBER 1, 1999  
 COMPLETED BY PECO ENERGY COMPANY  
 J. L. KLUCAR  
 THERMAL PERFORMANCE ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3785

REPORT MONTH OCTOBER 1999

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
364	991001	S	48	B	1	SCRAM TIME TESTING AND MISC. MAINTENANCE
365	991010	S	11	B	1	ROD PATTERN ADJUSTMENT
366	991019	F	81	B	1	GENERATOR REPAIR
367	991022	F	20	B	1	ROD PATTERN ADJUSTMENT
368	991026	F	53	B	1	GENERATOR REPAIR
369	991029	S	13	B	1	ROD PATTERN ADJUSTMENT

(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  
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 4 -- Other (Explain)