



PECO NUCLEAR

A Unit of PECO Energy

PECO Energy Company
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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 8th at 2209 reactor power was reduced to 60% to perform scram time testing and miscellaneous maintenance. Reactor power was returned to 100% on October 10th at 0928.

On October 15th at 2200 reactor power was reduced to 86% to perform control rod pattern adjustments. Reactor power was returned to 100% on October 16th 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 1st at 2142 reactor power was reduced to 60% to perform scram time testing and miscellaneous maintenance. Reactor power was returned to 100% on October 3rd at 2129.

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

On October 19th 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 22nd at 0956.

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

On October 26th 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 29th at 0429.

On October 29th at 2200 reactor power was reduced to 70% to perform control rod pattern adjustments. Reactor power was returned to 100% on October 30th 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
 THERMAL PERFORMANCE ENGINEER
 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
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 E -- Operational Training & License Examination
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(3)
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