



PECO NUCLEAR

A Unit of PECO Energy

PECO Energy Company
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T.S.6.9.1.6

December 30, 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 December 1999 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

Caren B. Anders
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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PDR ADDCK 05000352

Limerick Generating Station
Unit 1
December 1 through December 31, 1999

I. Narrative Summary of Operating Experiences

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

On December 12th at 1318 reactor power was reduced to 90% due to the 1A Main Transformer Winding Temperatures trending up. Reactor power was returned to 100% later that day at 2038.

On December 18th at 1229 reactor power was reduced to 98% for rod pattern adjustment. Reactor power was returned to 100% later that day at 1315.

On December 29th at 2200 reactor power was reduced to 60% to prepare for Y2K rollover.

Unit 1 ended the month of December 1999 at 60% 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 December. There have been no challenges to the Main Steam Safety Relief Valves for the year 1999.

OPERATING DATA REPORT

DOCKET NO. 50-352
DATE JANUARY 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: **DECEMBER 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	744.0	8,642.0	104,706.6
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	744.0	8,588.9	102,944.7
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	847,571	9,744,005	103,353,699

UNIT SHUTDOWNS

DOCKET NO. 50-352
UNIT LIMERICK UNIT 1
DATE JANUARY 3, 2000
COMPLETED BY PECO ENERGY COMPANY
 P. A. HINCHEY
 THERMAL PERFORMANCE ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
TELEPHONE (610) 718-3797

REPORT MONTH DECEMBER 1999

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
344	991212	F		A	1	POWER REDUCTION TO 90% DUE TO 1A MAIN TRANSFORMER HI WINDING TEMP
345	991218	F		B	1	POWER REDUCTION TO 98% TO ADJUST MFLPD & MAPRAT
346	991229	S		F	1	Y2K ROLLOVER

(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
December 1 through December 31, 1999

I. Narrative Summary of Operating Experiences

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

On December 31st at 0111 an automatic reactor scram occurred due to a failure of the 2B phase main transformer lightning arrestor. Associated LER number is 2-99-006.

Unit 2 ended the month of December 1999 at 0% 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 December. There have been no challenges to the Main Steam Safety Relief Valves for the year 1999.

OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: **LIMERICK UNIT 2**
2. REPORTING PERIOD: **DECEMBER 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	721.2	7,862.8	80,412.1
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	721.2	7,727.2	78,870.3
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	851,712	8,560,963	82,430,648

UNIT SHUTDOWNS

DOCKET NO. 50-353
UNIT LIMERICK UNIT 2
DATE JANUARY 3, 2000
COMPLETED BY PECO ENERGY COMPANY
 P. A. HINCHEY
 THERMAL PERFORMANCE ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
TELEPHONE (610) 718-3797

REPORT MONTH DECEMBER 1999

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
374	991231	F	22.8	A	3	MAIN TRANSFORMER FAILURE AND REACTOR SCRAM

(1)
Type
 F -- Forced
 S -- Scheduled

(2)
Reason
 A -- Equipment Failure
 B -- Maintenance or Test
 C -- Refuelling
 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
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