



PECO NUCLEAR

A UNIT OF PECO ENERGY

PECO Energy Company
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T.S.6.9.1.6

March 6, 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 February 2000 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

IE24

Limerick Generating Station
Unit 1
February 1 through February 29, 2000

I. Narrative Summary of Operating Experiences

Unit 1 began the month of February 2000 at 98% of rated thermal power (RTP) in end of cycle extension.

Throughout the entire month, unless specified below, when the unit operated at less than 100% RTP, it was due to end-of-cycle operation required to maintain margin to thermal limits.

On February 10th at 0856, reactor power was reduced to 94% RTP to support obtaining a PASS sample. Reactor power was returned to 95% RTP at 1100 hours.

On February 12th at 0022, reactor power was reduced to 85% RTP per GP-5 to remove the 6th feedwater heaters from service. Reactor power was returned to 100% on February 12th at 0258.

On February 17th at 2050 reactor power was reduced to 93% RTP per GP-5 to insert control rod 22-39 to position 00 due to lack of position indication. Reactor power was returned only to 95% RTP (due to inserted rod) on February 17th at 2225. Rod 22-39 remained inserted for the duration of the month.

On February 25th at 2155 reactor power was reduced to 88% RTP per GP-5 to remove the 5th feedwater heaters from service. Reactor power was returned to 100% on February 26th at 0917.

Unit 1 ended the month of February 2000 at 99.6% of rated thermal power in end of cycle coastdown.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of February. There have been no challenges to the Main Steam Safety Relief Valves year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-352
 DATE MARCH 6, 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: FEBRUARY 2000
 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	696.0	1,440.0	106,146.6
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	696.0	1,440.0	104,384.7
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	782,373	1,632,871	104,986,570

UNIT SHUTDOWNS

DOCKET NO. 50-352
 UNIT LIMERICK UNIT 1
 DATE MARCH 6, 2000
 COMPLETED BY PECO ENERGY COMPANY
 P. A. HINCHEY
 THERMAL PERFORMANCE ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3797

REPORT MONTH FEBRUARY 2000

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)

Limerick Generating Station
Unit 2
February 1 through February 29, 2000

I. Narrative Summary of Operating Experiences

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

On February 4th at 2300 reactor power was reduced to 90% RTP for main turbine testing. On February 5th at 1000 reactor power was further reduced to 84% for a control rod pattern adjustment. Reactor power was returned to 100% RTP on February 5th at 2258.

On February 11th at 2200 reactor power was reduced to 96% RTP for IV/ISV testing. Reactor power was returned to 100% RTP on February 11th at 2333.

Unit 2 ended the month of February 2000 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 February. There have been no challenges to the Main Steam Safety Relief Valves year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-353
 DATE MARCH 6, 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: FEBRUARY 2000
 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	696.0	1,376.6	81,788.7
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	696.0	1,317.5	80,187.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	816,526	1,497,933	83,928,581

UNIT SHUTDOWNS

DOCKET NO. 50-353
 UNIT LIMERICK UNIT 2
 DATE MARCH 6, 2000
 COMPLETED BY PECO ENERGY COMPANY
 P. A. HINCHEY
 THERMAL PERFORMANCE ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3797

REPORT MONTH FEBRUARY 2000

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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