



PECO NUCLEAR

A Unit of PECO Energy

PECO Energy Company
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T.S.6.9.1.6

October 12, 1998

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 1998 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

Joseph P. Grimes
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
G. H. Stewart, LGS Experience Assessment Branch, SSB2-4
S. A. Auve, LGS ISEG Branch, SSB4-2

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Limerick Generating Station
Unit 1
September 1 through September 30, 1998

I. Narrative Summary of Operating Experiences

Unit 1 began the month of September 1998 at 100% of rated thermal power (RTP).

On September 19, 1998 at 0208 hours, power was reduced to 60% of RTP for a control rod pattern adjustment, scram time testing, rod stroke, and balance of plant maintenance. Power was restored to 100% of RTP on September 20, 1998 at 1200 hours.

On September 21, 1998 at 2258 hours, power was reduced to 90% of RTP for a control rod pattern adjustment. Power was restored to 100% of RTP on September 22, 1998 at 0144 hours.

On September 23, 1998 at 1502 hours, power was reduced to 99% of RTP due to main turbine vibration. Power was restored to 100% of RTP on September 24, 1998 at 0028 hours.

On September 27, 1998 at 0159 hours, power was reduced to 65% of RTP for a control rod pattern adjustment. Power was restored to 100% of RTP at 2100 hours.

Unit 1 ended this month 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 9, 1998
 COMPLETED BY PECO ENERGY COMPANY
 P. A. HINCHEY
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3797

OPERATING STATUS

1. UNIT NAME:	LIMERICK UNIT 1
2. REPORTING PERIOD:	SEPTEMBER, 1998
3. DESIGN ELECTRICAL RATING (NET MWE):	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	720.0	5,319.4	94,105.8
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	5,135.8	92,429.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	802,858	5,376,159	91,536,737

UNIT SHUTDOWNS

DOCKET NO. 50 - 352
 UNIT NAME LIMERICK UNIT 1
 DATE OCTOBER 9, 1998
 COMPLETED BY PECO ENERGY COMPANY
 P. A. HINCHEY
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3797

REPORT MONTH SEPTEMBER, 1998

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
305	980919	S		H	4	REACTOR POWER WAS REDUCED TO 60% DUE TO CONTROL ROD PATTERN ADJUSTMENT, SCRAM TIME TESTING, ROD STROKE AND BOP MAINT.
306	980921	S		H	4	REACTOR POWER WAS REDUCED TO 90% DUE TO ROD PATTERN ADJUSTMENT.
307	980923	F		H	4	REACTOR POWER WAS REDUCED TO 99% DUE TO TURBINE GENERATOR ALTEREX BEARING HIGH VIBRATION.
308	980927	S		H	4	REACTOR POWER WAS REDUCED TO 65% DUE TO CONTROL ROD PATTERN ADJUSTMENT.
TOTAL HOURS						

(1)
 F - FORCED
 S - SCHEDULED

(2)
 REASON
 A - EQUIPMENT FAILURE (EXPLAIN)
 B - MAINTENANCE OR TEST
 C - REFUELING
 D - REGULATORY RESTRICTION
 E - OPERATOR 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, 1998

I. Narrative Summary of Operating Experiences

Unit 2 began the month of September 1998 at 1000% rated thermal power (RTP).

September 5, 1998 at 2210 hours, power was reduced to 87% of RTP for main turbine valve testing and rod pattern adjustment. Power was restored to 100% of RTP on September 6, 1998 at 0223 hours.

September 12, 1998 at 1210 hours, power was reduced to 95% of RTP for main turbine valve testing. Power was restored to 100% of RTP at 1522 hours.

September 19, 1998 at 2255 hours, power was reduced to 95% of RTP for main turbine valve testing. Power was restored to 100% of RTP on September 20, 1998 at 0110 hours.

September 26, 1998 at 2300 hours, power was reduced to 95% of RTP for main turbine valve testing. Power was restored to 100% of RTP on September 27, 1998 at 0005 hours.

Unit 2 ended this month 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

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 TELEPHONE (610) 718-3797

OPERATING STATUS

1. UNIT NAME: _____	LIMERICK UNIT 2
2. REPORTING PERIOD: _____	SEPTEMBER, 1998
3. DESIGN ELECTRICAL RATING (NET MWE): _____	1115
4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): _____	1155
5. MAXIMUM DEPENDABLE CAPACITY (NET MWE): _____	1115

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6,193.3	70,340.3
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	6,138.4	68,934.1
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	805,915	6,785,862	71,397,663

UNIT SHUTDOWNS

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REPORT MONTH SEPTEMBER, 1998

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
324	980905	S		B	4	REACTOR POWER WAS REDUCED TO 87% DUE TO MAIN TURBINE VALVE TESTING AND CONTROL ROD PATTERN ADJUSTMENT.
325	980912	S		B	4	REACTOR POWER WAS REDUCED TO 95% DUE TO MAIN TURBINE VALVE TESTING.
326	980919	S		B	4	REACTOR POWER WAS REDUCED TO 96% DUE TO MAIN TURBINE VALVE TESTING.
327	980926	S		B	4	REACTOR POWER WAS REDUCED TO 95% DUE TO MAIN TURBINE VALVE TESTING.
TOTAL HOURS						

(1)
 F - FORCED
 S - SCHEDULED

(2)
 REASON
 A - EQUIPMENT FAILURE (EXPLAIN)
 B - MAINTENANCE OR TEST
 C - REFUELING
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(3)
 METHOD
 1 - MANUAL
 2 - MANUAL SCRAM
 3 - AUTOMATIC SCRAM
 4 - OTHER (EXPLAIN)