


PECO ENERGY

PECO Energy Company
PO Box 2300
Sanatoga, PA 19464-0920

T.S.6.9.1.6

August 10, 1994

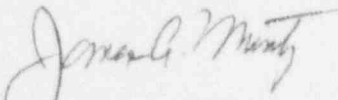
Docket Nos. 50-352
50-353
License Nos. NPF-39
NPF-85

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 July, 1994 forwarded pursuant to Technical
Specification 6.9.1.6.

Very truly yours,



James A. Muntz
Director - Site Engineering

sjk

Enclosures

cc: T. T. Martin, Administrator, Region I, USNRC (w/enclosures)
N. S. Perry, USNRC Senior Resident Inspector LGS
(w/enclosures)
D. R. Helwig, Vice President, Limerick Generating Station

190072

190071

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Limerick Generating Station
Unit 1
July 1 through July 31, 1994

I. Narrative Summary of Operating Experiences

Unit 1 began the month of July at a nominal 100% of rated thermal power (RTP).

Power was reduced a number of times during the month of July as a result of high turbine backpressure.

On July 9, 1994, at 0020 hours power was reduced for condenser maintenance activities and to perform other testing activities. Power was reduced to 75% RTP. At 0104 hours on July 10, 1994, power was restored to 100% RTP.

On July 29, 1994, at 1342 hours the 'C' Reactor Feed Pump (RFP) tripped off. This resulted in an automatic Reactor Recirculation Pump runback. Power was stabilized at 80% RTP at 1348 hours. The cause of this event was that a housekeeping individual changing lights inadvertently hit the mechanical trip lever on the feedpump local panel. The 'C' RFP was returned to service at 1520 hours and power was restored to 100% RTP at 1645.

Unit 1 ended this operating period 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 July.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 352

UNIT LIMERICK UNIT 1

DATE AUGUST 10, 1994

COMPANY PECO ENERGY COMPANY

STEVEN J. KELLEY
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION

TELEPHONE (610) 327-1200 EXTENSION 3763

MONTH JULY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1039	17	1041
2	1039	18	1038
3	1036	19	1035
4	1037	20	1032
5	1037	21	1027
6	1012	22	1033
7	1026	23	1041
8	998	24	1026
9	780	25	1046
10	1056	26	1040
11	1049	27	1041
12	1042	28	1062
13	1037	29	999
14	1036	30	1039
15	1036	31	1041
16	1041		

OPERATING DATA REPORT

DOCKET NO. 50 - 352

DATE AUGUST 10, 1994

COMPLETED BY PECO ENERGY COMPANY

STEVEN J. KELLEY

REPORTS ENGINEER

SITE ENGINEERING

LIMERICK GENERATING STATION

TELEPHONE (610) 327-1200 EXTENSION 3763

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1
 2. REPORTING PERIOD: JULY, 1994
 3. LICENSED THERMAL POWER(MWT): 3293
 4. NAMEPLATE RATING (GROSS MWE): 1138
 5. DESIGN ELECTRICAL RATING (NET MWE): 1055
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1092
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1055

NOTES: THERE WAS ONE LOAD DROPS
 GREATER THAN 20% DUE TO
 CONDENSER MAINTENANCE
 ACTIVITY.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):
 10. REASONS FOR RESTRICTIONS, IF ANY:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,087	74,471
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,236.2	60,435.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	4,179.7	59,364.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,426,587	12,976,589	182,427,348
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	791,100	4,220,290	59,262,330
18. NET ELECTRICAL ENERGY GENERATED (MWH)	764,188	4,068,185	56,854,175

 DATE AUGUST 10, 1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	82.2	79.7
20. UNIT AVAILABILITY FACTOR	100.0	82.2	79.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.4	75.8	72.4
22. UNIT CAPACITY FACTOR (USING DER NET)	97.4	75.8	72.4
23. UNIT FORCED OUTAGE RATE	0.0	1.3	4.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	12/19/84	12/22/84
INITIAL ELECTRICITY	MID APRIL 85	4/13/85
COMMERCIAL OPERATION	1ST QTR 86	2/01/86

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 352

UNIT NAME LIMERICK UNIT 1

DATE AUGUST 10, 1994

REPORT MONTH JULY, 1994

COMPLETED BY PECO ENERGY COMPANY

STEVEN J. KELLEY
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION
TELEPHONE (610) 327-1200 EXTENSION 3763

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
24	940706	S	000.0	H	4	N/A	HF	TURBIN	REACTOR POWER WAS REDUCED TO 95% DUE TO HIGH TURBINE BACK PRESSURE.
25	940709	S	000.0	B	4	N/A	HC	HTEXCH	REACTOR POWER WAS REDUCED TO 75% TO SUPPORT CONDENSER CLEANING.
26	940721	S	000.0	H	4	N/A	HF	TURBIN	REACTOR POWER WAS REDUCED TO 98% DUE TO HIGH TURBINE BACKPRESSURE.
27	940729	S	000.0	H	4	N/A	CH	PUMPXX	REACTOR POWER WAS REDUCED TO 80% DUE TO A REACTOR FEED PUMP TRIP.
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(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)

(4)

EXHIBIT G - INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER)
FILE (NUREG-0161)

(5)

EXHIBIT I - SAME SOURCE

Limerick Generating Station
Unit 2
July 1 through July 31, 1994

I. Narrative Summary of Operating Experiences

Limerick Unit 2 began the month of July at a nominal 100% of Rated Thermal Power (RTP).

Power was reduced slightly on July 8 and 9, 1994 due to high turbine backpressure.

On July 3, 1994, at 0835 hours power was reduced to 90% RTP for main turbine valve testing and control rod pattern adjustment. Power was restored to 100% RTP at 1027 hours.

On July 23, 1994, at 0828 hours power was reduced to 91% RTP for main turbine valve testing and a control rod pattern adjustment. Power was restored to 100% RTP at 1005 hours.

Unit 2 ended this operating period 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 July.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 353

UNIT LIMERICK UNIT 2

DATE AUGUST 10, 1994

COMPANY PECO ENERGY COMPANY

STEVEN J. KELLEY
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION

TELEPHONE (610) 327-1200 EXTENSION 3763

MONTH JULY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1054	17	1052
2	1055	18	1052
3	1047	19	1045
4	1055	20	1043
5	1053	21	1044
6	1047	22	1045
7	1051	23	1039
8	1029	24	1040
9	1038	25	1058
10	1050	26	1050
11	1061	27	1053
12	1054	28	1072
13	1049	29	1032
14	1048	30	1048
15	1052	31	1053
16	1047		

OPERATING DATA REPORT

DOCKET NO. 50 - 353

DATE AUGUST 10, 1994

COMPLETED BY PECO ENERGY COMPANY

STEVEN J. KELLEY

REPORTS ENGINEER

SITE ENGINEERING

LIMERICK GENERATING STATION

TELEPHONE (610) 327-1200 EXTENSION 3763

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 2
 2. REPORTING PERIOD: JULY, 1994
 3. LICENSED THERMAL POWER(MWT): 3293
 4. NAMEPLATE RATING (GROSS MWE): 1138
 5. DESIGN ELECTRICAL RATING (NET MWE): 1055
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1092
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1055

NOTES: THERE WERE NO LOAD DROPS
 GREATER THAN 20% THIS
 MONTH.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):

10. REASONS FOR RESTRICTIONS, IF ANY:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,087	39,983
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,087.0	35,729.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,087.0	35,033.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,446,439	16,669,177	111,974,258
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	809,120	5,573,880	37,066,406
18. NET ELECTRICAL ENERGY GENERATED (MWH)	780,373	5,384,509	35,715,201

 DATE AUGUST 10, 1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	100.0	87.6
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.4	100.3	84.7
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4	100.3	84.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.5

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	08/12/89	08/12/89
INITIAL ELECTRICITY	09/01/89	09/01/89
COMMERCIAL OPERATION	02/01/90	01/08/90

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 353

UNIT NAME LIMERICK UNIT 2

DATE AUGUST 10, 1994

REPORT MONTH JULY, 1994

COMPLETED BY PECO ENERGY COMPANY

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SITE ENGINEERING
LIMERICK GENERATING STATION
TELEPHONE (610) 327-1200 EXTENSION 3763

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
11	940703	S	000.0	B	4	N/A	HA	INSTRU	REACTOR POWER WAS REDUCED TO 90% FOR MAIN TURBINE VALVE TESTING.
12	940708	S	000.0	H	4	N/A	HF	TURBIN	REACTOR POWER WAS REDUCED TO 97% DUE TO HIGH TURBINE BACKPRESSURE.
13	940709	S	000.0	H	4	N/A	HF	TURBIN	REACTOR POWER WAS REDUCED TO 98% DUE TO HIGH TURBINE BACKPRESSURE.
14	940723	S	000.0	B	4	N/A	RB	CONROD	REACTOR POWER WAS REDUCED TO 91% FOR A CONTROL ROD PATTERN ADJUSTMENT.

(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)

(4)

EXHIBIT G - INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER)
FILE (NUREG-0161)

(5)

EXHIBIT I - SAME SOURCE