


PECO ENERGY

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

T.S.6.9.1.6

September 12, 1994

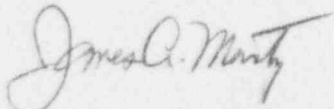
Docket Nos. 50-352
50-353
License Nos. NPF-39
NPF-85

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 August, 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

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

I. Narrative Summary of Operating Experiences

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

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

On August 13, 1994, at 0145 hours, power was reduced to 92% RTP for Main Turbine valve testing. Power was restored to 100% RTP at 0920 hours.

On August 16, 1994, at 0345 hours, power was reduced to 98% RTP per Load Dispatcher request due to minimum generation requirements. Power was restored to 100% RTP at 0500 hours.

On August 28, 1994, at 0800 hours, power was reduced to 92% RTP for Main Turbine valve testing. Power was restored to 100% RTP at 1035 hours.

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 August.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 352

UNIT LIMERICK UNIT 1

DATE SEPTEMBER 12, 1994

COMPANY PECO ENERGY COMPANY

STEVEN J. KELLEY
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION

TELEPHONE (610) 327-1200 EXTENSION 3763

MONTH AUGUST 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1040	17	1008
2	1036	18	1035
3	1041	19	1044
4	1037	20	1039
5	1045	21	1037
6	1057	22	1049
7	1051	23	1051
8	1050	24	1053
9	1049	25	1048
10	1047	26	1044
11	1052	27	1041
12	1042	28	1033
13	1027	29	1045
14	1034	30	1051
15	1050	31	1047
16	1092		

OPERATING DATA REPORT

DOCKET NO. 50 - 352

DATE SEPTEMBER 12, 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: AUGUST, 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	5,831	75,215
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,980.2	61,179.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	4,923.7	60,108.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,447,551	15,424,140	184,874,899
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	803,210	5,023,500	60,065,540
18. NET ELECTRICAL ENERGY GENERATED (MWH)	776,962	4,845,147	57,631,137

DATE SEPTEMBER 12, 1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	84.4	79.9
20. UNIT AVAILABILITY FACTOR	100.0	84.4	79.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.0	78.8	72.6
22. UNIT CAPACITY FACTOR (USING DER NET)	99.0	78.8	72.6
23. UNIT FORCED OUTAGE RATE	0.0	1.1	4.4
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 SEPTEMBER 12, 1994

REPORT MONTH AUGUST, 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
28	940813	S	000.0	B	4	N/A	HA	INSTRU	REACTOR POWER WAS REDUCED TO 92% FOR MAIN TURBINE VALVE TESTING.
29	940814	S	000.0	H	4	N/A	HF	TURBIN	REACTOR POWER WAS REDUCED TO 98% DUE TO HIGH TURBINE BACKPRESSURE.
30	940816	S	000.0	H	4	N/A	RB	VESSEL	REACTOR POWER WAS REDUCED TO 98% DUE TO MINIMUM GENERATION REQUIREMENTS.
31	940828	S	000.0	B	4	N/A	HA	INSTRU	REACTOR POWER WAS REDUCED TO 92% FOR MAIN TURBINE VALVE TESTING.

(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
August 1 through August 31, 1994

I. Narrative Summary of Operating Experiences

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

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

On August 7, 1994, at 0500 hours, power was reduced to 90% RTP for a control rod pattern adjustment. Power was restored to 100% RTP at 0839 hours.

On August 13, 1994, at 1814 hours, power was reduced to 97% RTP per procedure as a result of an unexpected increase in power. The power increase was the result of a 500 Kv transmission line trip during a storm which caused a slight increase to the 2A Recirculation Pump. Power was restored to 100% RTP shortly thereafter.

On August 21, 1994, at 0852 hours, power was reduced to 92% RTP for Main Turbine valve and control rod exercise testing. Power was restored to 100% RTP at 1020 hours.

On August 24, 1994, the unit entered end-of-cycle coastdown. On August 31, 1994, at 1202 hours power was reduced to 95% RTP in order to remove the 6A, B, and C feedwater heaters from service. Following the removal of the Feedwater heaters power was restored to 100% RTP at 1405 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 August.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 353

UNIT LIMERICK UNIT 2

DATE SEPTEMBER 12, 1994

COMPANY PECO ENERGY COMPANY

STEVEN J. KELLEY
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION

TELEPHONE (610) 327-1200 EXTENSION 3763

MONTH AUGUST 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1047	17	1055
2	1045	18	1048
3	1050	19	1053
4	1046	20	1049
5	1051	21	1040
6	1064	22	1055
7	1049	23	1059
8	1059	24	1058
9	1057	25	1047
10	1056	26	1040
11	1061	27	1034
12	1052	28	1030
13	1040	29	1032
14	1042	30	1037
15	1060	31	1033
16	1060		

OPERATING DATA REPORT

DOCKET NO. 50 - 353

DATE SEPTEMBER 12, 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: AUGUST, 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	5,831	40,727
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,831.0	36,473.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,831.0	35,777.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,437,680	19,106,857	114,411,938
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	809,580	6,383,460	37,875,986
18. NET ELECTRICAL ENERGY GENERATED (MWH)	780,282	6,164,791	36,495,483

DATE SEPTEMBER 12, 1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	100.0	87.8
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.4	100.2	84.9
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4	100.2	84.9
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 SEPTEMBER 12, 1994

REPORT MONTH AUGUST, 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
15	940807	S	000.0	B	4	N/A	RB	CONROD	REACTOR POWER WAS REDUCED TO 90% FOR A CONTROL ROD PATTERN ADJUSTMENT.
16	940813	S	000.0	H	4	N/A	EA	PUMPXX	REACTOR POWER WAS REDUCED TO 97% DUE INCREASED RECIRCULATION PUMP OPERATION.
17	940821	S	000.0	B	4	N/A	HA	INSTRU	REACTOR POWER WAS REDUCED TO 92% FOR MAIN TURBINE VALVE TESTING.
18	940824	S	000.0	C	4	N/A	CH	HTEXCH	REACTOR POWER WAS REDUCED TO 95% DUE TO THE REMOVAL OF A FEEDWATER HEATER.
19	940831	S	000.0	H	F	N/A	HF	TURBIN	REACTOR POWER WAS REDUCED TO 95% DUE TO HIGH TURBINE BACKPRESSURE.

(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