



PECO ENERGY

PECO Energy Company
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T.S.6.9.1.6

June 12, 1995

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 May 1995 forwarded
pursuant to Technical Specification 6.9.1.6.

Very truly yours,

Michael P. Gallagher
Director - Site Engineering

drh

Enclosures

cc: T. T. Martin, Administrator, Region I, USNRC
N. S. Perry, USNRC Senior Resident Inspector LGS
W. G. MacFarland, Vice President, LGS

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Limerick Generating Station
Unit 1
May 1 through May 31, 1995

I. Narrative Summary of Operating Experiences

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

On May 7, 1995, at 0021 hours, power was reduced to 90% RTP for main turbine valve testing. Following testing, the Unit commenced a shutdown to perform maintenance on the 'C' drain cooler, 'A' recirculation pump seal, and the condenser waterboxes. The reactor was scrammed at 0904 hours on May 7, 1995. On May 10, 1995, the mode switch was placed in startup and control rod withdrawal commenced shortly thereafter. The unit 1 reactor went critical at 1815 hours and on May 11, 1995, at 0541 hours, the mode switch was placed in run. The main generator was synchronized to the grid at 1227 hours. Power was restored to 100% RTP on May 15, 1995, at 0607 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 May.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 352

UNIT LIMERICK UNIT 1

DATE JUNE 09, 1995

COMPANY PECO ENERGY COMPANY

DAVID R. HENRICKS
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION

TELEPHONE (610) 718-3772

MONTH MAY 1995

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1029	17	1051
2	1034	18	1047
3	1025	19	1064
4	1029	20	1050
5	1025	21	1051
6	1029	22	1059
7	190	23	1051
8	0	24	1047
9	0	25	1046
10	0	26	1054
11	91	27	1050
12	722	28	1053
13	924	29	1045
14	898	30	1045
15	1044	31	1054
16	1055		

OPERATING DATA REPORT

DOCKET NO. 50 - 352

DATE JUNE 09, 1995

COMPLETED BY PECO ENERGY COMPANY

DAVID R. HENRICKS
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION
TELEPHONE (610) 718-3772

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1
2. REPORTING PERIOD: MAY, 1995
3. LICENSED THERMAL POWER(MWT): 3293
4. NAMEPLATE RATING (GROSS MWE): 1092
5. DESIGN ELECTRICAL RATING (NET MWE): 1055
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1092
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1055

NOTES: THERE WAS 1 LOAD DROP
GREATER THAN 20% THIS MONTH
DUE TO A SHUTDOWN TO PERFORM
MAINTENANCE.

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	VR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	3,623	81,767
12. NUMBER OF HOURS REACTOR WAS CRITICAL	662.8	3,522.3	67,630.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	644.6	3,405.8	66,511.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,094,746	11,400,182	205,716,720
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	667,400	3,709,900	66,894,180
18. NET ELECTRICAL ENERGY GENERATED (MWH)	644,273	3,586,878	64,230,884

DATE JUNE 09, 1995

	THIS MONTH	VR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	86.6	96.2	81.3
20. UNIT AVAILABILITY FACTOR	86.6	96.2	81.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	82.1	93.8	74.5
22. UNIT CAPACITY FACTOR (USING DER NET)	82.1	93.8	74.5
23. UNIT FORCED OUTAGE RATE	0.0	1.1	4.1
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 JUNE 09, 1995

REPORT MONTH MAY, 1995

COMPLETED BY PECO ENERGY COMPANY

DAVID R. HENRICKS
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 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3772

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (4)	LICENSEE EVENT REPORT # (5)	SYSTEM CODE (6)	COMPONENT CODE (7)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE	
64	950507	S	000.0	B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 90.0% FOR MAIN TURBINE VALVE TESTING.	4 4
65	950507	S	099.4	B	2	N/A	HH	HTEXCH	REACTOR WAS SHUTDOWN TO PERFORM MAINT. ON "C" DRAIN COOLER, "A" RECIRCULATION PUMP SEAL, AND THE CONDENSER WATERBOXES.	4 4 4 4 4
			99.4							

(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
May 1 through May 31, 1995

I. Narrative Summary of Operating Experiences

Unit 2 began the month of May at a nominal 100% of rated thermal power (RTP).

On May 6, 1995, at 0020 hours, power was reduced to 90% RTP for a control rod pattern adjustment. Power was restored to 100% RTP at 0338 hours.

On May 15, 1995, at 1125 hours, power was reduced due to high turbine backpressure. Power was reduced to 91.5% RTP. Power was restored to 100% RTP at 1945 hours.

On May 16, 1995, at 1411 hours, power was reduced due to high turbine backpressure. Power was reduced to 96% RTP. Power was restored to 100% RTP at 2025 hours.

On May 17, 1995, at 1446 hours, power was reduced due to high turbine backpressure. Power was reduced to 90% RTP. Power was restored to 100% RTP at 2135 hours.

On May 18, 1995, at 1100 hours, power was reduced due to high turbine backpressure. Power was reduced to 96.5% RTP. Power was restored to 100% RTP at 1950 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 May.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 353

UNIT LIMERICK UNIT 2

DATE JUNE 09, 1995

COMPANY PECO ENERGY COMPANY

DAVID R. HENRICKS
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION

TELEPHONE (610) 718-3772

MONTH MAY 1995

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1122	17	1081
2	1125	18	1094
3	1117	19	1122
4	1117	20	1114
5	1118	21	1118
6	1103	22	1127
7	1109	23	1123
8	1119	24	1114
9	1116	25	1119
10	1111	26	1121
11	1107	27	1122
12	1109	28	1127
13	1110	29	1114
14	1117	30	1114
15	1085	31	1125
16	1106		

OPERATING DATA REPORT

DOCKET NO. 50 - 353

DATE JUNE 09, 1995

COMPLETED BY PECO ENERGY COMPANY

DAVID R. HENRICKS
REPORTS ENGINEER
SITE ENGINEERING
LIMERICK GENERATING STATION
TELEPHONE (610) 718-3772

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 2
2. REPORTING PERIOD: MAY, 1995
3. LICENSED THERMAL POWER(MWT): 3458
4. NAMEPLATE RATING (GROSS MWE): 1163
5. DESIGN ELECTRICAL RATING (NET MWE): 1115
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1155
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1115

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	3,623	47,279
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3,103.4	42,466.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	2,995.8	41,600.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,564,933	9,073,472	131,303,055
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	856,000	3,015,900	43,399,480
18. NET ELECTRICAL ENERGY GENERATED (MWH)	828,631	2,910,017	41,812,217

DATE JUNE 09, 1995

	THIS MONTH	VR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	82.7	88.0
20. UNIT AVAILABILITY FACTOR	100.0	82.7	88.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.9	72.6	83.6
22. UNIT CAPACITY FACTOR (USING DER NET)	99.9	72.6	83.6
23. UNIT FORCED OUTAGE RATE	0.0	2.6	3.4
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	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 JUNE 09, 1995

REPORT MONTH MAY, 1995

COMPLETED BY PECO ENERGY COMPANY

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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	
49	950506	S	000.0	B	4	N/A	RB	CONROD	REACTOR POWER WAS REDUCED TO 90% DUE TO CONTROL ROD PATTERN ADJUSTMENT	4
50	950515	S	000.0	B	4	N/A	HC	HTEXCH	REACTOR POWER WAS REDUCED TO 92% DUE TO H.L.GH TURBINE BACK PRESSURE.	4
51	950516	S	000.0	B	4	N/A	HC	HTEXCH	REACTOR POWER WAS REDUCED TO 96% DUE TO HIGH TURBINE BACK PRESSURE.	4
52	950517	S	000.0	B	4	N/A	HC	HTEXCH	REACTOR POWER WAS REDUCED TO 90% DUE TO HIGH TURBINE BACK PRESSURE.	4
53	950518	S	000.0	B	4	N/A	HC	HTEXCH	REACTOR POWER WAS REDUCED TO 97% DUE TO HIGH TURBINE BACK PRESSURE.	4
			----							4
			-							4

(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