

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

I. Narrative Summary of Operating Experiences

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

- On October 21, 1995 at 0235 hours, power was reduced to 92% RTP for main turbine valve testing. Power was reduced to 75% RTP at 0413 hours, for a control rod pattern adjustment. Power was restored to 100% RTP on October 21, 1995 at 1830 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 October.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 352

UNIT LIMERICK UNIT 1

DATE NOVEMBER 10, 1995

COMPANY PECO ENERGY COMPANY

DAVID R. HENRICKS
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION

TELEPHONE (610) 718-3772

MONTH OCTOBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1055	17	1060
2	1050	18	1059
3	1046	19	1051
4	1043	20	1046
5	1042	21	946
6	1033	22	1057
7	1058	23	1052
8	1050	24	1052
9	1058	25	1061
10	1053	26	1057
11	1048	27	1052
12	1052	28	1052
13	1044	29	1105
14	1044	30	1060
15	1056	31	1059
16	1056		

OPERATING DATA REPORT

DOCKET NO. 50 - 352

DATE NOVEMBER 10, 1995

COMPLETED BY PECO ENERGY COMPANY

DAVID R. HENRICKS
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OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1
2. REPORTING PERIOD: OCTOBER, 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 CONTROL ROD PATTERN
 ADJUSTMENT.

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	745	7,296	85,440
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6,651.4	70,759.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	745.0	6,510.4	69,535.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,439,247	21,029,069	215,345,607
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	810,400	6,858,600	70,042,880
18. NET ELECTRICAL ENERGY GENERATED (MWH)	781,359	6,614,575	67,258,581

DATE NOVEMBER 10, 1995

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	89.2	81.4
20. UNIT AVAILABILITY FACTOR	100.0	89.2	81.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.4	85.9	74.6
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4	85.9	74.6
23. UNIT FORCED OUTAGE RATE	0.0	5.6	4.4

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

1. REFUELING OUTAGE, SCHEDULED FOR 1/26/96, LASTING 22 DAYS.

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 NOVEMBER 10, 1995

REPORT MONTH OCTOBER, 1995

COMPLETED BY PECO ENERGY COMPANY

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

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSES EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
86	951021	S	000.0	B	4	N/A	RB	CONROD	REACTOR POWER WAS REDUCED TO 75% DUE TO CONTROL ROD PATTERN ADJUSTMENT AND MAIN TURBINE VALVE TESTING.

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4
4

(1)

(2)

(3)

(4)

F - FORCED
 S - SCHEDULED

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)

METHOD
 1 - MANUAL
 2 - MANUAL SCRAM.
 3 - AUTOMATIC SCRAM.
 4 - OTHER (EXPLAIN)

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
October 1 through October 31, 1995

i. Narrative Summary of Operating Experiences

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

- On October 13, 1995 at 2145 hours, power was reduced to 98% RTP for main turbine valve testing. Power was restored to 100% RTP at 2233 hours.
- On October 20, 1995 at 2245 hours, power was reduced to 98% RTP for main turbine valve testing. Power was reduced to 88% RTP at 2315 hours, for a control rod pattern adjustment. Power was restored to 100% RTP on October 21, 1995 at 0100 hours.
- On October 27, 1995 at 1959 hours, power was reduced to 98% RTP for main turbine valve testing. Power was restored to 100% RTP on October 28, 1995 at 0123 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 October.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 353

 UNIT LIMERICK UNIT 2

 DATE NOVEMBER 10, 1995

 COMPANY PECO ENERGY COMPANY

 DAVID R. HENRICKS
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION

 TELEPHONE (610) 718-3772

MONTH OCTOBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1130	17	1135
2	1126	18	1135
3	1126	19	1132
4	1122	20	1123
5	1116	21	1118
6	1108	22	1134
7	1125	23	1130
8	1129	24	1122
9	1129	25	1134
10	1131	26	1134
11	1127	27	1121
12	1127	28	1125
13	1126	29	1178
14	1118	30	1134
15	1134	31	1129
16	1131		

OPERATING DATA REPORT

DOCKET NO. 50 - 353

DATE NOVEMBER 10, 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: OCTOBER, 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	VR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745	7,296	50,952
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6,705.8	46,068.8
13. REACTOR RESEVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	745.0	6,534.1	45,139.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,569,457	21,150,936	143,380,519
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	866,900	7,012,500	47,396,080
18. NET ELECTRICAL ENERGY GENERATED (MWH)	839,715	6,768,047	45,670,247

 DATE NOVEMBER 10, 1995

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	89.6	88.6
20. UNIT AVAILABILITY FACTOR	100.0	89.6	88.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.1	83.5	84.3
22. UNIT CAPACITY FACTOR (USING DER NET)	101.1	83.5	84.3
23. UNIT FORCED OUTAGE RATE	0.0	3.1	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 NOVEMBER 10, 1995

REPORT MONTH OCTOBER, 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	
75	951013	S	000.0	B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 98% DUE TO MAIN TURBINE VALVE TESTING.	4 4
76	951020	S	000.0	B	4	N/A	RB	CONROD	REACTOR POWER WAS REDUCED TO 88% DUE TO CONTROL ROD PATTERN ADJUSTMENT AND MAIN TURBINE VALVE TESTING.	4 4 4
77	951027	S	000.0	B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 98% DUE TO MAIN TURBINE VALVE TESTING.	4 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