

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 352

UNIT LIMERICK UNIT 1

DATE FEBRUARY 15, 1987

COMPANY PHILADELPHIA ELECTRIC COMPANY

R. W. GROPP  
 TECHNICAL ASSISTANT  
 LICENSING SECTION  
 NUCLEAR SUPPORT DEPARTMENT

TELEPHONE (215) 841-5058

MONTH JANUARY 1987

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1048	17	813
2	949	18	1018
3	778	19	1056
4	966	20	1058
5	1058	21	1059
6	1056	22	1059
7	1061	23	1056
8	1053	24	1053
9	1062	25	1044
10	1066	26	1005
11	1018	27	91
12	1043	28	0
13	1038	29	0
14	1033	30	0
15	1026	31	21
16	952		

8702240224 870131  
 PDR ADOCK 05000352  
 R PDR

JEN  
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OPERATING DATA REPORT

DOCKET NO. 50 - 352

DATE FEBRUARY 15, 1987

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

R. W. GROPP  
 TECHNICAL ASSISTANT  
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 TELEPHONE (215) 841-5058

OPERATING STATUS

- |   |  |                               |  |
|---|--|-------------------------------|--|
| 1. UNIT NAME: LIMERICK      UNIT 1                    |  | NOTES: UNIT 1 EXPERIENCED TWO |  |
| 2. REPORTING PERIOD:      JANUARY, 1987               |  | SCHEDULED LOAD REDUCTIONS     |  |
| 3. LICENSED THERMAL POWER(MMT):      3293             |  | AND ONE FORCED OUTAGE.        |  |
| 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   |  |                               |  |
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	744	8,760
12. NUMBER OF HOURS REACTOR WAS CRITICAL	648.1	648.1	7,365.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	634.1	634.1	7,270.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MMH)	2,011,574	2,011,574	23,609,736
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	662,050	662,050	7,788,930
18. NET ELECTRICAL ENERGY GENERATED (MMH)	635,738	635,738	7,484,588

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 DATE FEBRUARY 15, 1987  
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	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	85.2	85.2	83.0
20. UNIT AVAILABILITY FACTOR	85.2	85.2	83.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	81.0	81.0	81.0
22. UNIT CAPACITY FACTOR (USING DER NET)	81.0	81.0	81.0
23. UNIT FORCED OUTAGE RATE	14.8	14.8	4.6

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
 REFUELING OUTAGE  
 MAY 16, 1987 TO AUGUST 1, 1987

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 8/1/87

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 FEBRUARY 15, 1987

REPORT MONTH JANUARY, 1987

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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 TELEPHONE (215) 841-5058

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE
									ACTION TO PREVENT RECURRENCE
1	870102	S	0.0	F	4	N/A	ZZ	ZZZZZZ	POWER REDUCTION TO ACCOMMODATE CONTROL ROD PATTERN ADJUSTMENT.
2	870116	S	0.0	F	4	N/A	ZZ	ZZZZZZ	POWER REDUCTION TO ACCOMMODATE CONTROL ROD PATTERN ADJUSTMENT.
3	870127	F	109.9	F	2	N/A	CI	VALVEX	REACTOR COOLANT SYSTEM UNIDENTIFIED LEAKAGE INSIDE THE DRYWELL APPROACHED TECH. SPEC. LIMIT. MISCELLANEOUS VALVE PACKING LEAKAGE WAS IDENTIFIED AND REPAIRED.
			----- 109.9						

(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 1  
January 1 through January 31, 1987

I. Narrative Summary of Operating Experiences

The unit began the report period operating at approximately 100% power.

On January 2 and January 16 reactor power was reduced to 605 MWe and 750 MWe respectively to facilitate control rod pattern adjustments.

On January 26, Unit 1, operating for 198 continuous days, set a new world record for GE BWR plants operating during the First Fuel Cycle.

On January 27, at 0352 hours, a manual shutdown was initiated due to an unidentified reactor coolant leakage rate of 4.3 gpm inside the dry well. The decision was made to shutdown prior to exceeding the Technical Specification limit of 5.0 gpm. The leakage was attributed to a valve packing on the 'B' RHR shutdown cooling return valve (HV-51-1F060B) and a disc hinge gasket on the 'A' Feedwater check valve (HV-0410-1F010A). The required valve repairs were completed and the unit was in startup by January 30.

On January 31, at 1745 hours, the generator was synchronized and reactor power was increasing.

II. Challenges to Relief Valves

During the month there were no challenges to the main steam safety-relief valves.

**PHILADELPHIA ELECTRIC COMPANY**

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

February 13, 1987

Docket No. 50-352

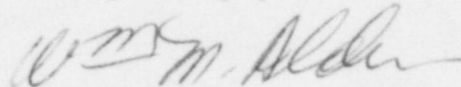
Director  
Office of Resource Management  
US Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: Limerick Generating Station  
Monthly Operating Report

Gentlemen:

Enclosed is the monthly operating report for Limerick Unit 1 for the month of January, 1987, forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,



W. M. Alden  
Engineer-In-Charge  
Licensing Section  
Nuclear Support Department

Attachment

cc: Director, Office of Inspection & Enforcement, USNRC (12 copies)  
Dr. T. E. Murley, NRC  
E. M. Kelly, Senior Resident Site Inspector  
Mr. David E. Ney, PA Dept. of Envir. Resources  
Mr. P. A. Ross, NRC (2 copies)  
INPO Records Center  
Mr. D. W. Diefenderfer, General Electric  
See Attached Service List

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