

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 352

UNIT LIMERICK UNIT 1

DATE MARCH 15, 1988

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5058

MONTH FEBRUARY 1988

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1013	17	506
2	1023	18	525
3	1037	19	547
4	1038	20	905
5	1032	21	973
6	1027	22	1027
7	1028	23	1031
8	1026	24	1037
9	1028	25	1034
10	1053	26	1027
11	1029	27	1037
12	1026	28	1042
13	1033	29	1036
14	1032		
15	1026		
16	927		

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OPERATING DATA REPORT

DOCKET NO. 50 - 352

DATE MARCH 15, 1988

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

R. W. GROPP

TECHNICAL ASSISTANT

LICENSING SECTION

NUCLEAR SUPPORT DEPARTMENT

TELEPHONE (215) 841-5058

OPERATING STATUS

1. UNIT NAME: LIMERICK	UNIT 1	NOTES: REACTOR POWER REDUCED DUE
2. REPORTING PERIOD: FEBRUARY, 1988		TO CONDENSER TUBE LEAK
3. LICENSED THERMAL POWER (MWT): 3293		INSPECTIONS AND FEEDWATER
4. NAMEPLATE RATING (GROSS MWE): 1138		HEATER STEAM LEAKS.
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	696	1,440	18,216
12. NUMBER OF HOURS REACTOR WAS CRITICAL	696.0	1,440.0	14,308.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	696.0	1,440.0	14,002.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MMH)	2,175,468	4,617,610	43,513,991
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	699,530	1,493,050	14,192,460
18. NET ELECTRICAL ENERGY GENERATED (MMH)	674,501	1,439,970	13,607,807

DATE MARCH 15, 1988

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	100.0	76.9
20. UNIT AVAILABILITY FACTOR	100.0	100.0	76.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	91.9	94.8	70.8
22. UNIT CAPACITY FACTOR (USING DER NET)	91.9	94.8	70.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.4

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

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 MARCH 15, 1988

REPORT MONTH FEBRUARY, 1988

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

R. W. GROPP
TECHNICAL ASSISTANT
LICENSING SECTION
NUCLEAR SUPPORT DEPARTMENT
TELEPHONE (215) 841-5058

NO.	DATE	(1)	(HOURS)	(2)	REACTOR (3)	METHOD OF SHUTTING DOWN EVENT REPORT #	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	880216	F	000.0	B	4	N/A	HC	HTEXCH		POWER REDUCED FOR CONDENSER TUBE LEAK INSPECTIONS AND TO REPAIR STEAM LEAKS IN SIXTH STRING FEEDWATER HEATERS.

			-							

(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
February 1 through February 29, 1988

I. Narrative Summary of Operating Experiences

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

On February 16, 1988, reactor power was reduced to approximately 50% to perform tube leak testing on the 'A' circulation water loop of the main condenser. In addition, the sixth string feedwater heaters were removed from service to repair leaks on the steam side of the heaters. Following condenser tube leak testing and maintenance repair work on the feedwater heaters the unit returned to full power operation on February 20, 1988.

On February 21, 1988, reactor power was reduced to approximately 80% to facilitate control rod pattern adjustments. Full reactor power was restored on February 22, 1988.

On February 26, 1988, the long path recirculation reactor feedwater bypass valve, HV-041-109A, developed a packing leak causing an increase in main steam line tunnel temperature. Operators initiated a CLOSE signal to the already closed valve which significantly reduced the leak and main steam line tunnel temperatures normal. Steam line tunnel temperatures are being monitored and a method to eliminate the valve packing leak is being evaluated.

The unit ended the report period operating at 100% power.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety-Relief valves during the month of February.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

March 15, 1988

Docket No. 50-352

Director
Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, DC 20555

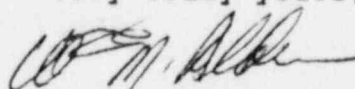
Attention: Document Control Desk

SUBJECT: Limerick Generating Station
Monthly Operating Report

Gentlemen:

Enclosed is the monthly operating report for Limerick
Unit 1 for the month of February, 1988, forwarded pursuant to
Technical Specification 6.9.1.6.

Very truly yours,



W. M. Alden
Director
Licensing Section
Nuclear Support Division

Attachment

cc: Director, Office of Inspection & Enforcement, USNRC (12 copies)
William T. Russell, Administrator, Region I, USNRC
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

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