

3882111660

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 352

UNIT LIMERICK UNIT 1

DATE SEP 12, 1988

COMPANY PHILADELPHIA ELECTRIC COMPANY

J. J. MURPHY

REPORTS SUPERVISOR

PROJECT DIVISION

LIMERICK GENERATING STATION

TELEPHONE (215) 327-1200 EXTENSION 3752

MONTH AUGUST 1988

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	859	17	881
2	862	18	869
3	868	19	883
4	855	20	837
5	857	21	880
6	859	22	836
7	868	23	829
8	862	24	823
9	866	25	823
10	859	26	812
11	862	27	808
12	854	28	804
13	858	29	799
14	860	30	877
15	860	31	814
16	874		

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OPERATING DATA REPORT

3882111660

DOCKET NO. 50 - 352

DATE SEP 12, 1968

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

J. J. MURPHY

REPORTS SUPERVISOR

PROJECT DIVISION

LIMERICK GENERATING STATION

TELEPHONE (215) 327-1200 EXTENTION 3752

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1		NOTES: UNIT 1 EXPERIENCED NO
2. REPORTING PERIOD: AUGUST, 1968		OUTAGES DURING THE
3. LICENSED THERMAL POWER(MWT): 3293		MONTH. POWER IS BEING
4. NAMEPLATE RATING (GROSS MWE): 1138		ADMINISTRATIVELY LIMITED
5. DESIGN ELECTRICAL RATING (NET MWE): 1055		DUE TO HIGH OFFGAS ACTIVITY.
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): 896

10. REASONS FOR RESTRICTIONS, IF ANY: POWER ADMINISTRATIVELY RESTRICTED DUE TO HIGH OFFGAS ACTIVITY. THIS IS INDICATIVE OF COPPER INDUCED CORROSION ON A FINITE NUMBER OF CONTROL ROOS. INSPECTION DURING THE SECOND REFUELING OUTAGE WILL DETERMINE THE EXTENT OF ANY DAMAGE.

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,855	22,631
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,547.3	18,415.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,541.0	18,103.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MMH)	2,080,370	16,485,521	55,581,902
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	662,550	5,307,210	18,006,620
18. NET ELECTRICAL ENERGY GENERATED (MMH)	631,268	5,095,187	17,263,024

## OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 352

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 DATE SEP 12, 1988  
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	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	94.6	80.0
20. UNIT AVAILABILITY FACTOR	100.0	94.6	80.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	80.4	82.5	72.3
22. UNIT CAPACITY FACTOR (USING DER NET)	80.4	82.5	72.3
23. UNIT FORCED OUTAGE RATE	0.0	5.4	4.3
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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 352

UNIT NAME LIMERICK UNIT 1

DATE SEP 12, 1968

REPORT MONTH AUGUST, 1968

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

J. J. MURPHY  
 REPORTS SUPERVISOR  
 PROJECT DIVISION  
 LIMERICK GENERATING STATION  
 TELEPHONE (215) 327-1200 EXTENSION 3752

NO.	DATE	[TYPE]	[DURATION]	[REASON]	[SHUTTING DOWN]	METHOD OF [REACTOR]	LICENSEE EVENT	[SYSTEM]	[COMPONENT]	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE

- |                             |  |  |   |
|-----------------------------|--|--|---|
| (1)                         | (2)  | (3)  | (4)   |
| F - FORCED<br>S - SCHEDULED | REASON<br>A - EQUIPMENT FAILURE (EXPLAIN)<br>B - MAINTENANCE OR TEST<br>C - REFUELING<br>D - REGULATORY RESTRICTION<br>E - OPERATOR TRAINING + LICENSE EXAMINATION<br>F - ADMINISTRATIVE<br>G - OPERATIONAL ERROR (EXPLAIN)<br>H - OTHER (EXPLAIN) | METHOD<br>1 - MANUAL<br>2 - MANUAL SCRAM.<br>3 - AUTOMATIC SCRAM.<br>4 - OTHER (EXPLAIN) | EXHIBIT G - INSTRUCTIONS<br>FOR PREPARATION OF DATA<br>ENTRY SHEETS FOR LICENSEE<br>EVENT REPORT (LER)<br>FILE (MUREG-0161)<br><br>(5)<br><br>EXHIBIT I - SAME SOURCE |

Docket No. 50-352  
Attachment to Monthly  
Operating Report for  
August 1988

Limerick Generating Station  
Unit 1  
August 1 through August 31, 1988

I. Narrative Summary of Operating Experiences

Limerick Unit 1 began the month at 87% of rated thermal power.

On August 2, during the performance of the D14 Diesel Generator monthly operability ST, the output breaker tripped (on reverse power relay actuation) when attempting to close onto the D14 safeguard bus. The reverse power relay activated because the generator and bus voltages were slightly mismatched. No additional problems were experienced with the ST after the breaker was reclosed.

On August 15, RCIC was blocked and declared inoperable to allow Maintenance to perform preventative maintenance. During restoration, problems were identified which required corrective maintenance including replacing the anti-rotation stem key and repacking HV-50-1F045, repairing HV-49-1F031 and venting FT-49-1N003. RCIC was declared operable following satisfactory completion of ST-6-049-230-1, RCIC Pump, Valve and Flow test on August 19.

On August 20, reactor power was reduced to 75.7% to support control rod SCRAM time testing. Following satisfactory completion of testing, reactor power was returned to 87% of rated thermal power.

On August 22, reactor power was reduced to 81.5% due to an increase in offgas activity. Reactor power was maintained at 2700 MWTH (82%) through the remainder of this operating period per Reactor Engineering's direction.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Relief Valves during this month.

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PHILADELPHIA ELECTRIC COMPANY

LIMERICK GENERATING STATION  
P. O. BOX A  
SANATOGA, PENNSYLVANIA 19464  
(215) 327-1200, EXT. 3000

GRAHAM M. LEITCH  
VICE PRESIDENT  
LIMERICK GENERATING STATION

September 15, 1988

Docket No. 50-352

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

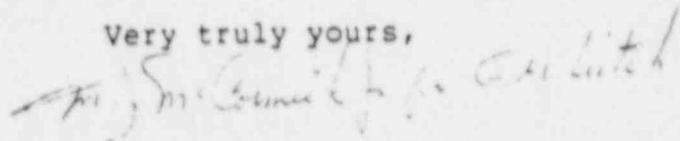
Attention: Document Control Desk

Subject: Limerick Generating Station Monthly Operating Report

Gentlemen:

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

Very truly yours,



JJM/sp

Enclosure

cc: Director, Office of Inspection & Enforcement, USNRC (12 copies)  
William T. Russell, Administrator, Region I, USNRC  
T. J. Kenny, USNRC Senior Resident Inspector  
David E. Ney, PA Dept. of Environmental Resources  
W. H. Lovelace, NRC (2 copies)  
INPO Records Center

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