

PHILADELPHIA ELECTRIC COMPANY

LIMERICK GENERATING STATION

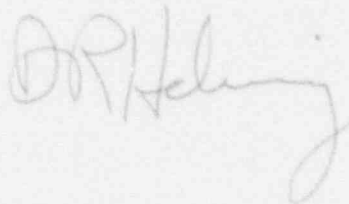
P. O. BOX 2300

SANATOGA, PA 19464-2300

(215) 327-1200, EXT. 3000

Sept.
~~August~~ 10, 1992DAVID R. HELWIG
VICE PRESIDENT
LIMERICK GENERATING STATIONDocket Nos. 50-352
50-353
License Nos. NPF-39
NPF-85U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555Subject: Limerick Generating Station Monthly Operating Report For
Units 1 and 2Enclosed are the monthly operating reports for Limerick Units
1 and 2 for the month of ~~July~~, 1992 forwarded pursuant to Technical
Specification 6.9.1.6. *August*

Very truly yours,



KWM/dtc

Enclosures

cc: T. T. Martin, Administrator, Region I, USNRC (w/enclosures)
T. J. Kenny, USNRC Senior Resident Inspector LGS
(w/enclosures)9209240235 920731
PDR ADOCK 05000352
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Doc: No. #50-352
Attachment to Monthly
Operating Report for
August 1992

LIMERICK GENERATING STATION
UNIT 1
AUGUST 1 THROUGH AUGUST 31, 1992

I. NARRATIVE SUMMARY OF OPERATING EXPERIENCES

Limerick Unit 1 began the month of August at 100% of rated thermal power. On Tuesday, August 4, reactor power was briefly reduced to 98% in preparation for a Reactor Recirculation Pump Motor Generator set test and a Control Rod pattern adjustment. On Wednesday, August 5, power was briefly reduced to 91% to perform Main Turbine Control Valve testing. On Friday, August 7, power was briefly reduced to 95% to support a Control Rod pattern adjustment. On Monday, August 24, power was briefly reduced to 97% to support a Control Rod pattern adjustment. On Wednesday, August 26, power was reduced to 99% to perform a Control Rod pattern adjustment. On Sunday, August 30, power was reduced to 96.5% to perform Surveillance Testing on the Control Rod drive system. Unit 1 ended this operating period at a nominal 100% of rated thermal power.

II. CHALLENGES TO MAIN STEAM SAFETY RELIEF VALVES

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

oprtgex1

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AVERAGE DAILY UNIT POWER LEVEL

UNIT NO. 392
UNIT NUMBER 407
DATE SEPTEMBER 3, 1964
COMPANY PHILADELPHIA ELECTRIC COMPANY

KARL MECK
REPORTS SUPERVISOR
BUSINESS UNIT
LIMERICK GENERATING STATION

TELEPHONE (215) 327-1200 EXTENSION 3320

MONTH AUGUST 1962

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1036	17	1027
2	1034	18	1028
3	1032	19	1033
4	1030	20	1032
5	1031	21	1031
6	1032	22	1037
7	1030	23	1029
8	1033	24	1030
9	1025	25	1022
10	1026	26	1016
11	1031	27	1020
12	1031	28	1017
13	1033	29	1032
14	1034	30	982
15	1035	31	1070
16	1039		

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UNIT NAME: LIMERICK UNIT 1
 REPORTING PERIOD: AUGUST, 1992
 LICENSED THERMAL POWER (MWT): 3293
 NAMEPLATE RATING (GROSS MWE): 1138
 DESIGN ELECTRICAL RATING (NET MWE): 1055
 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1092
 MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1055

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1
 2. REPORTING PERIOD: AUGUST, 1992
 3. LICENSED THERMAL POWER (MWT): 3293
 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:
 NOTES: THERE WERE NO LOAD DROPS
 GREATER THAN 20%.

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):

10. REASONS FOR RESTRICTIONS, IF ANY:

11. HOURS IN REPORTING PERIOD
12. NUMBER OF HOURS REACTOR WAS CRITICAL
13. REACTOR RESERVE SHUTDOWN HOURS
14. HOURS GENERATOR ON-LINE
15. UNIT RESERVE SHUTDOWN HOUR
16. GROSS THERMAL ENERGY GENERATED (MWH)
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)
18. NET ELECTRICAL ENERGY GENERATED (MWH)

THIS MONTH	YR-TO-DATE	CUMULATIVE
744	5,855	57,695
744.0	3,311.4	44,620.2
0.0	0.0	0.0
744.0	3,187.3	43,629.2
0.0	0.0	0.0
2,447.177	10,773.081	132,161.957
794.980	3,318.710	42,819.650
765.811	3,385.122	40,286.578

	THIS MONTH	DATE	EXTENSION	DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0			54.4	75.6
20. UNIT AVAILABILITY FACTOR	100.0			54.4	75.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.6			51.6	67.4
22. UNIT CAPACITY FACTOR (USING DER NET)	97.6			51.6	67.4
23. UNIT FORCED OUTAGE RATE	0.0			20.0	5.8
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	

Docket No. #50-353
Attachment to Monthly
Operating Report for
August 1992

LIMERICK GENERATING STATION
UNIT 2
AUGUST 1 THROUGH AUGUST 31, 1992

I. NARRATIVE SUMMARY OF OPERATING EXPERIENCES

Limerick Unit 2 began the month of August at 100% of rated thermal power. On Saturday, August 1, reactor power was reduced to 80% to allow maintenance personnel to perform Feedwater leak repairs, and further reduced to 60% for maintenance on the '2C' Condensate pump. On August 3, at approximately 0450, power was returned to 100%. On August 10, power was briefly reduced to 92% to support a Control Rod pattern adjustment. On August 15, power was reduced to 92.5% to support a Control Rod pattern adjustment. On August 24, power was briefly reduced to 92% to support a Control Rod pattern adjustment. On August 30, power was reduced, for approximately eleven hours, to 77.5% due to excess capacity. Unit 2 ended this operating period at a nominal 100% of rated thermal power.

II. CHALLENGES TO MAIN STEAM SAFETY RELIEF VALVES

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

OPERATING DATA REPORT

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PROJECT NO. 50-1-353

DATE: SEPTEMBER 3, 1991

COMPLETED BY: PHILADELPHIA ELECTRIC COMPANY

KARL MECK
REPORTS SUPERVISOR

BUSINESS UNIT
LIMERICK GENERATING STATION
TELEPHONE (215) 327-1200 EXTENSION 3320

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 2
2. REPORTING PERIOD: AUGUST, 1992
3. LICENSED THERMAL POWER (MWT): 3293
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:

NOTES: THERE WAS ONE LOAD

REDUCTION TO 60% FOR
FEEDWATER LEAK REPAIRS
AND ONE LOAD REDUCTION
TO 77.5% DUE TO EXCESS
CAPACITY.

9. POWER LOST 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	5,855	23,927
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,855.0	20,984.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,855.0	20,425.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,410,627	18,966,530	64,678,655
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	795,580	6,304,540	21,340,616
18. NET ELECTRICAL ENERGY GENERATED (MWH)	767,416	6,070,956	20,542,555

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DATE SEPTEMBER 1, 1989

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	100.0	85.4
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.8	98.3	81.4
22. UNIT CAPACITY FACTOR (USING DER NET)	97.8	98.3	81.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.1

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
COND REFUELING: 01/29/93; 60 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	08/12/89	08/12/89
INITIAL ELECTRICITY	09/01/89	09/01/89
COMMERCIAL OPERATION	02/01/90	01/08/90

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BUCKET NO. 50 - 354

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME LINCOLN

DATE SEPTEMBER 3, 1984

ADDRESS 181 PHILADELPHIA ELECTRIC COMPANY

REPORT MONTH AUGUST 1984

MAN. WELCH

REPORTS SUPERVISOR

BUSINESS UNIT

LINCOLN GENERATING STATION

TELEPHONE (215) 321-1200 EXTENSION 3320

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM COMPONENT CODE (4)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE (5)
28	920801	S	000.0	B	4	N/A	CH	HTEXCH LOAD WAS REDUCED 40% FOR FEEDWATER LEAK REPAIRS.
29	920810	S	000.0	B	4	N/A	RB	CONROD LOAD WAS REDUCED 8% FOR CONTROL ROD PATTERN ADJUSTMENT.
30	920815	S	000.0	B	4	N/A	RB	CONROD LOAD WAS REDUCED 7.5% FOR CONTROL ROD PATTERN ADJUSTMENT.
31	920824	S	000.0	B	4	N/A	RB	CONROD LOAD WAS REDUCED 8% FOR CONTROL ROD PATTERN ADJUSTMENT.
32	920830	S	000.0	B	4	N/A	ZZ	ZZZZZZ LOAD WAS REDUCED 22.5% DUE TO EXCESS CAPACITY.

(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