

PHILADELPHIA ELECTRIC COMPANY

LIMERICK GENERATING STATION

P. O. BOX 2300

POTTSTOWN, PA 19464-0920

(215) 327-1200, EXT. 3000

July 10, 1992

GRAHAM M. LEITCH
VICE PRESIDENT
LIMERICK GENERATING STATION

Docket Nos. 50-352
50-353
License Nos. NPF-39
NPF-85

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Limerick Generating Station Monthly Operating Report For
Units 1 and 2

Enclosed are the monthly operating reports for Limerick Units
1 and 2 for the month of June, 1992 forwarded pursuant to Technical
Specification 6.9.1.6.

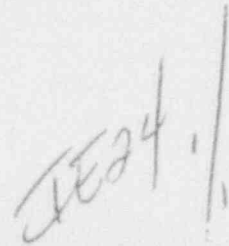
Very truly yours,



KWM/dtc

Enclosures

cc: T. T. Martin, Administrator, Region I, USNRC
T. J. Kenny, USNRC Senior Resident Inspector



Docket No. #50-352
Attachment to Monthly
Operating Report for
June 1992

LIMERICK GENERATING STATION
UNIT 1
JUNE 1 THROUGH JUNE 30, 1992

I. NARRATIVE SUMMARY OF OPERATING EXPERIENCES

Limerick Unit 1 began the month, in OPCON 4 (Cold Shutdown). Unit 1 ended this reporting period in day 102 of the Refueling Outage.

II. CHALLENGES TO MAIN STEAM SAFETY RELIEF VALVES

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

oprtgex1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 352

UNIT LIMERICK UNIT 1

DATE JULY 8, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

KARL MECK
REPORTS SUPERVISOR
BUSINESS UNIT
LIMERICK GENERATING STATION

TELEPHONE (215) 327-1200 EXTENSION 3320

MONTH JUNE 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0		
16	0		

OPERATING DATA REPORT

DOCKET NO. 50 - 352

DATE JULY 8, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

KARL MECK
REPORTS SUPERVISOR
BUSINESS UNITLIMERICK GENERATING STATION
TELEPHONE (215) 327-1200 EXTENSION 3320

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1
 2. REPORTING PERIOD: JUNE, 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

NOTES: THE UNIT WAS IN A REFUEL
 OUTAGE THE ENTIRE PERIOD.

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	720	4,367	56,207
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	1,910.2	43,719.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	1,903.9	42,345.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	6,163,245	128,152,761
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	2,033,300	41,534,240
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -5,816	1,950,470	39,761,926

	DATE JULY 9, 1992		
	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	0.0	43.6	75.3
20. UNIT AVAILABILITY FACTOR	0.0	43.6	75.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	42.3	67.1
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	42.3	67.1
23. UNIT FORCED OUTAGE RATE	0.0	0.3	4.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): 4TH REFUELING OUTAGE; 03/21/92; 70 DAYS			
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			
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

3925003590

UNIT NAME LIMERICK UNIT 1

DATE JULY 8, 1992

REPORT MONTH JUNE, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

KARL MECK
 REPORTS SUPERVISOR
 BUSINESS UNIT
 LIMERICK GENERATING STATION
 TELEPHONE (215) 327-200 EXTENSION 3320

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
13	920601	S	720.0 ----- 720.0	C	2	N/A	ZZ	ZZZZZZ	THE UNIT REMAINED IN THE FOURTH REFUELING OUTAGE THE ENTIRE PERIOD.

(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

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

LIMERICK GENERATING STATION
UNIT 2
JUNE 1 THROUGH JUNE 30, 1992

I. NARRATIVE SUMMARY OF OPERATING EXPERIENCES

Limerick Unit 2 began the month of June at 100% of rated thermal power. On Tuesday, June 2, reactor power was reduced to 68% to support repair of the '2A' Condensate Pump which had been exhibiting high vibration. Early on Wednesday, June 3, reactor power was returned to 100% of rated thermal power. On Wednesday, June 17, reactor power was briefly reduced to 95% of rated thermal power for a control rod pattern adjustment. Unit 2 ended this operating period at 100% of rated thermal power.

Operational events that occurred during the month of June include:

The '2A' and '2B' Residual Heat Removal (RHR) suppression pool cooling line flow orifices were removed to ensure compliance with the Technical Specification requirement for heat exchanger flow due to diagnostically identified leakage through the respective RHR heat exchanger bypass valves. Respective surveillance requirements have been verified.

At 2031 hours on Sunday, June 21, during performance of an '0A' Standby Gas Treatment System (STGS)/ Reactor Enclosure Recirculation System (RERS) monthly flow surveillance test, an actuation of a Reactor Enclosure Blowout (Relief) panel occurred. The respective panel was successfully reinstalled at 2116 hours. Secondary containment was declared operable at 2350 hours following maintenance rework. A four hour notification was made to the NRC pursuant to 10CFR50.72(b)(2)(iii)(c).

II. CHALLENGES TO MAIN STEAM SAFETY RELIEF VALVES

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

AVERAGE DAILY UNIT POWER LEVEL

3925003590

DOCKET NO. 50 - 353

UNIT LIMERICK UNIT 2

DATE JULY 8, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

KARL RECK
 REPORTS SUPERVISOR
 BUSINESS UNIT
 LIMERICK GENERATING STATION

TELEPHONE (215) 327-1200 EXTENSION 3320

MONTH JUNE 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1044	17	1048
2	762	18	1050
3	1036	19	1044
4	1050	20	1046
5	1036	21	1052
6	1048	22	1051
7	1037	23	1055
8	1038	24	1045
9	1050	25	1048
10	1050	26	1045
11	1048	27	1045
12	1047	28	1047
13	1051	29	1045
14	1038	30	1035
15	1046		
16	1048		

OPERATING DATA REPORT

3925003590

DOCKET NO. 50 - 353

DATE JULY 8, 1992

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: JUNE, 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

NOTES: THERE WAS ONE LOAD
 REDUCTION GREATER THAN
 20% DURING THE 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	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	4,367	21,719
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4,367.0	18,955.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	4,367.0	18,466.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,348,347	14,113,865	59,385,261
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	776,930	4,703,900	19,635,536
18. NET ELECTRICAL ENERGY GENERATED (MWH)	746,000	4,529,929	18,903,794

	DATE JULY 8, 1992		
	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	100.0	85.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.2	98.3	82.5
22. UNIT CAPACITY FACTOR (USING DER NET)	98.2	98.3	82.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
24. SHUTDOWNS SCHEDULED OVER NEXT 3 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN A: 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

3925003590

UNIT NAME LIMERICK UNIT 2

DATE JULY 8, 1992

REPORT MONTH JUNE, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

KARL MECK
 REPORTS SUPERVISOR
 BUSINESS UNIT
 LIMERICK GENERATING STATION
 TELEPHONE (215) 327-1200 EXTENSION 3320

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEL EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
21	920602	S	000.0	B	4	N/A	HH	PUMPXX	LOAD WAS REDUCED TO 68% TO SUPPORT CONDENSATE PUMP MAINTENANCE.
22	920617	S	000.0	F	4	N/A	RB	CONROD	LOAD WAS REDUCED 5% FOR CONTROL ROD PATTERN ADJUSTMENT.

(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 LICONSEE
 EVENT REPORT (LER)
 FILE (NUREG-0161)

(5)
 EXHIBIT I - SAME SOURCE