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 AUTH. NAME AUTHOR AFFILIATION
 HALE, M. Carolina Power & Light Co.
 RICHEY, R.B. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for June 1990 for Shearon Harris
 Nuclear Power Plant, Unit 1.W/900712 ltr.

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Monthly Report

CP&L

Carolina Power & Light Company

P. O. Box 165 • New Hill, N. C. 27562

R. B. RICHEY
Manager
Harris Nuclear Project

JUL 12 1990

File Number: SHF/10-15505
Letter Number: HO-903023 (0)

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United States Nuclear Regulatory Commission
Washington, DC 20555

HARRIS NUCLEAR PROJECT DEPARTMENT UNIT NO. 1
DOCKET NO. 50-400
LICENSE NO. NPF-63
MONTHLY OPERATIONS REPORT

Dear Sirs:

In accordance with Technical Specification 6.9.1.5 for the Harris Nuclear Power Plant, Unit No. 1, Carolina Power & Light Company herewith submits the report of operation statistics and shutdown experience for the month of June 1990.

Yours very truly,

R. B. Richey
R. B. Richey
Manager

Harris Nuclear Project

MWH:mb

Enclosure

cc: Messrs. S. D. Ebner (NRC-RLI)
R. G. Oehl (DOE)
J. E. Tedrow (NRC-SHNP)

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DOCKET NO.: 050-400
UNIT: Harris Unit 1
DATE: June 1990
COMPLETED BY: Mark Hale

OPERATIONS SUMMARY

Harris Unit 1 operated at a 100 percent Availability Factor for the referenced month and a 94.11 percent Capacity Factor. There was one continued event. Details are provided on the Unit Shutdowns and Power Reduction Sheet.

There are 157 fuel assemblies in the reactor vessel and 266 spent fuel assemblies in the Spent Fuel Pools. 162 of the spent fuel assemblies are BWR and were shipped to Harris from CP&L's Brunswick Plant.

RUN DATE 07/06/90

OPERATING DATA REPORT

RPD36-000

RUN TIME 14:42:41

HARRIS UNIT 1

DUCKET NO. 050-400

COMPLETED BY MARK W. HALE

TELEPHONE (919)362-2944

OPERATING STATUS

1. UNIT NAME: HARRIS UNIT 1	NOTES There are 157 fuel assem-
2. REPORTING PERIOD: JUNE 90	blies in the reactor, 266 spent
3. LICENSED THERMAL POWER (MWT): 2775	fuel assemblies in Spent Fuel
4. NAMEPLATE RATING (GROSS MWE): 950.9	Pools; 162 of the spent fuel
5. DESIGN ELECTRICAL RATING (NET MWE): 900.0	assemblies are BWR and were
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 920.0	shipped from Brunswick.
7. MAX DEPENDABLE CAPACITY (NET MWE): 860.0	
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: NA	

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): none
 10. REASONS FOR RESTRICTION IF ANY: NA

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	4343.00	27744.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	4075.97	22073.54
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	720.00	4058.28	21717.63
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1905033.06	10573689.06	57115367.46
17. GROSS ELEC. ENERGY GEN. (MWH)	622947.00	3531813.00	18982075.00
18. NET ELEC. ENERGY GENERATED (MWH)	582718.00	3295281.00	17633449.00
19. UNIT SERVICE FACTOR	100.00	93.44	78.28
20. UNIT AVAILABILITY FACTOR	100.00	93.44	78.28
21. UNIT CAP. FACTOR (USING MDC NET)	94.11	88.23	73.90
22. UNIT CAP. FACTOR (USING DER NET)	89.93	84.31	70.62
23. UNIT FORCED OUTAGE RATE	.00	3.16	4.62
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP:
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION



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CP&L CO
RUN DATE 07/06/90
RUN TIME 14:42:38

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
HARRIS UNIT 1

PAGE 1
RPD39-000

DOCKET NO. 050-400
COMPLETED BY MARK W. HALE
TELEPHONE (919)362-2944

JUNE 1990

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	159	17	860
2	209	18	855
3	805	19	855
4	852	20	860
5	869	21	851
6	862	22	851
7	853	23	852
8	848	24	860
9	850	25	854
10	854	26	854
11	861	27	854
12	866	28	851
13	859	29	849
14	859	30	849
15	859		
16	861		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 7/5/90
 COMPLETED BY: M. W. Hale
 TELEPHONE: (919) 362-2944

REPORT MONTH: June 1990

No.	Date	T ¹ y p e	Duration (Hours)	R ² e a s o n	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
90-009	900531	F	0.0	H	4	N/A	ZZ	ZZZZ	Unit being ramped into service from outage. Load being maintained at 30% reactor power due to steam generator chemistry. Once steam generator chemistry was within specification the unit continued power ascension. Unit was returned to full load on June 3, 1990.

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-Continued
 5-Reduced Load
 6-Other

4
 Exhibit G-Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File
 (NUREG-0161)
 5
 Exhibit 1 - Same Source

