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 HALE, M.W. Carolina Power & Light Co.
 RICHEY, R.B. Carolina Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jul 1991 for Harris Nuclear Power Plant Unit 1.W/910815 ltr.

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Carolina Power & Light Company

P. O. Box 165 • New Hill, N. C. 27562

R. B. RICHEY
Vice President
Harris Nuclear Project

AUG 15 1991

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Letter Number: HO-913021 (O)

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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 July 1991.

Yours very truly,

R. B. Richey
Vice President
Harris Nuclear Project

MWH:svm

Enclosure

cc: Mr. S. D. Ebnetter (NRC-RII)
Mr. R. G. Oehl (DOE)
Mr. J. E. Tedrow (NRC-SHNPP)

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

OPERATING STATUS

- | 1. UNIT NAME: HARRIS UNIT 1 | NOTES |
|-----------------------------------------------------------------------------------------------|-------------------------|
| 2. REPORTING PERIOD: JULY 91 | See Operations Summary. |
| 3. LICENSED THERMAL POWER (MWT): 2775 | |
| 4. NAMEPLATE RATING (GROSS MWE): 950.9 | |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 900.0 | |
| 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 920.0 | |
| 7. MAX DEPENDABLE CAPACITY (NET MWE): 860.0 | |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: N/A | |

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): N/A
 10. REASONS FOR RESTRICTION IF ANY: N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	5087.00	37248.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	3468.91	29315.00
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	3408.75	28881.10
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2048023.26	8946604.44	76001848.74
17. GROSS ELEC. ENERGY GEN. (MWH)	682231.00	2994460.00	25246394.00
18. NET ELEC. ENERGY GENERATED (MWH)	639556.00	2775938.00	23453108.00
19. UNIT SERVICE FACTOR	100.00	67.01	77.54
20. UNIT AVAILABILITY FACTOR	100.00	67.01	77.54
21. UNIT CAP. FACTOR (USING MDC NET)	99.96	63.45	73.21
22. UNIT CAP. FACTOR (USING DER NET)	95.51	60.63	69.96
23. UNIT FORCED OUTAGE RATE	.00	1.63	4.32
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): NONE.			

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	-----	-----

CP&L CO
RUN DATE 08/09/91
RUN TIME 14:11:22

ANT 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

JULY 1991

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	862	17	868
2	855	18	867
3	855	19	864
4	857	20	861
5	855	21	859
6	856	22	859
7	855	23	857
8	858	24	861
9	866	25	864
10	864	26	863
11	866	27	869
12	867	28	869
13	864	29	869
14	773	30	865
15	865	31	865
16	868		



SECRET

DOCKET NO.: 050-400
UNIT: Harris Unit 1
DATE: July 1991
COMPLETED BY: Mark Hale

OPERATIONS SUMMARY

Harris Unit 1 operated at 100.00 percent Availability Factor for the referenced month and a 99.96 percent Capacity Factor. There was one event. Details are provided on the Unit Shutdowns and Power Reduction Sheets.

There are 157 fuel assemblies in the reactor vessel, 570 spent fuel assemblies stored in the Spent Fuel Pools. 378 of the spent fuel assemblies are BWR and were shipped to Harris from CP&L's Brunswick Plant. 28 of the spent fuel assemblies are from CP&L's Robinson Plant.



UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 7/06/91
 COMPLETED BY: M. W. Hale
 TELEPHONE: (919) 362-2944

REPORT MONTH: July 1991

No.	Date	T ¹ Type	Duration (Hours)	R ² Reason	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
91-014	910714	S	0.0	B	5	N/A	HA	Valve	Reduced unit power to 70% to perform turbine valve test. Unit was returned to 100% power on 7/14/91.

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-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



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