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

SUBJECT: Monthly operating rept for Aug 1991 for Harris Nuclear Power Plant, Unit 1. W/910916 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

SEP 16 1991

File Number: SHF/10-15505
Letter Number: HO-913022 (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 August 1991.

Yours very truly,

R. B. Richey
Vice President
Harris Nuclear Project

APC:smh

Enclosure

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

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MEM/DATAREPa/1/OS4

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

OPERATIONS SUMMARY

Harris Unit 1 operated at 100.00 percent Availability Factor for the referenced month and a 99.43 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, 605 spent fuel assemblies stored in the Spent Fuel Pools. 413 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.

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: AUGUST 91 | |
| 3. LICENSED THERMAL POWER (MWT): 2775 | See Operations Summary. |
| 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: NA | |

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

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	5831.00	37992.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	4212.91	30059.00
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	4152.75	29625.10
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2045765.52	10992369.96	78047614.26
17. GROSS ELEC. ENERGY GEN. (MWH)	679068.00	3673528.00	25925462.00
18. NET ELEC. ENERGY GENERATED (MWH)	636189.00	3412127.00	24089297.00
19. UNIT SERVICE FACTOR	100.00	71.22	77.98
20. UNIT AVAILABILITY FACTOR	100.00	71.22	77.98
21. UNIT CAP. FACTOR (USING MDC NET)	99.43	68.04	73.73
22. UNIT CAP. FACTOR (USING DER NET)	95.01	65.02	70.45
23. UNIT FORCED OUTAGE RATE	.00	1.34	4.22
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: NA
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERCIAL OPERATION	-----	-----

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Second section of text, appearing as a separate paragraph or entry.

Third section of text, continuing the main body of the document.

Final section of text, possibly a conclusion or a signature block.

CP&L CO
RUN DATE 09/05/91
RUN TIME 10:24:03

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

AUGUST 1991

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	867	17	864
2	866	18	862
3	857	19	858
4	642	20	859
5	857	21	868
6	862	22	868
7	863	23	865
8	859	24	864
9	858	25	863
10	859	26	864
11	862	27	861
12	867	28	858
13	865	29	860
14	861	30	863
15	863	31	860
16	864		

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MEM/DATAREPa/3/OS4

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UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 9/04/91
 COMPLETED BY: M. W. Hale
 TELEPHONE: (919) 362-2944

REPORT MONTH: August 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
91-015	910803	S	0.0	B	5	N/A	HA	Valve	Reduced unit power to 70% to perform turbine valve test. While power was reduced, repairs were made to the primary bus duct cooling and to the "B" Heater Drain Pump seal flow switch. Unit was returned to 100% on Aug. 5, 1991 at 04:00.

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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