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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

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

SUBJECT: Monthly operating rept for Dec 1991 for Harris Nuclear Power Plant, Unit 1. W/ 920115 ltr.

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CP&L

Carolina Power & Light Company

JAN 15 1992

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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 December 1991.

Yours very truly,



R. B. Richey
Vice President
Harris Nuclear Project

APC:nrm

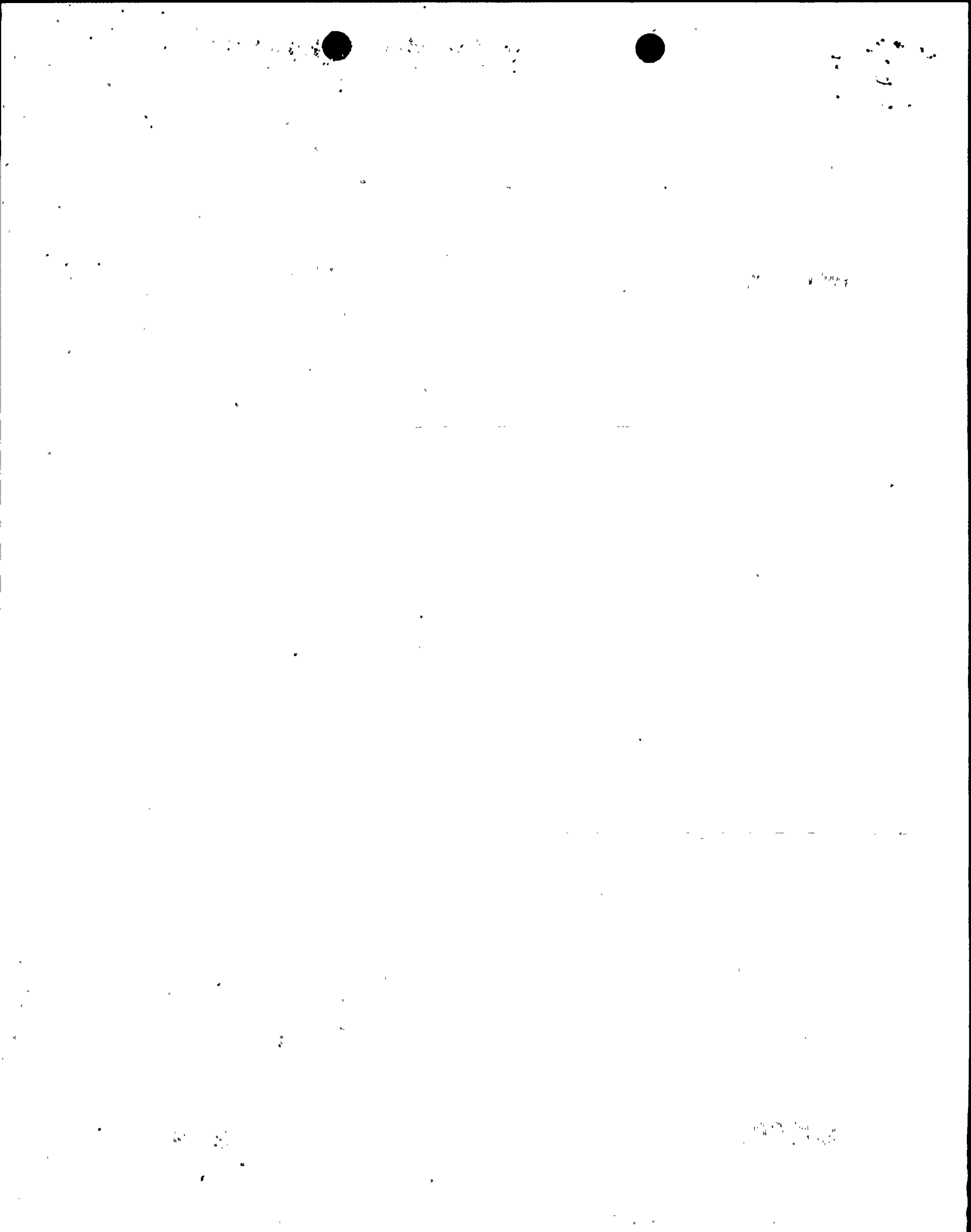
Enclosure

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

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MEM/DATAREP/1/OS4

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DOCKET NO.: 050-400
UNIT: Harris Unit 1
DATE: December 1991
COMPLETED BY: Amanda Crenshaw

OPERATIONS SUMMARY

Harris Unit 1 operated at 100.00 percent Availability Factor for the referenced month and a 100.95 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, 689 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. 112 of the spent fuel assemblies are from CP&L's Robinson Plant.



CP&L CO
 RUN DATE 01/13/92
 RUN TIME 09:43:30

ANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 HARRIS UNIT 1

PAGE 1
 RPD36-000

DOCKET NO. 050-400
 COMPLETED BY AMANDA CRENSHAW
 TELEPHONE (919)362-2808

OPERATING STATUS

- | | NOTES |
|---|-------|
| 1. UNIT NAME: HARRIS UNIT 1 | |
| 2. REPORTING PERIOD: DECEMBER 91 | |
| 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: None. | |
| 9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): None | |
| 10. REASONS FOR RESTRICTION IF ANY: N/A | |

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	8760.00	40921.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	7141.91	32988.00
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	7081.75	32554.10
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2032398.90	18920880.18	85976124.48
17. GROSS ELEC. ENERGY GEN. (MWH)	689595.00	6349429.00	28601363.00
18. NET ELEC. ENERGY GENERATED (MWH)	645943.00	5921493.00	26598663.00
19. UNIT SERVICE FACTOR	100.00	80.84	79.55
20. UNIT AVAILABILITY FACTOR	100.00	80.84	79.55
21. UNIT CAP. FACTOR (USING MDC NET)	100.95	78.60	75.58
22. UNIT CAP. FACTOR (USING DER NET)	96.47	75.11	72.22
23. UNIT FORCED OUTAGE RATE	.00	.79	3.85
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 | ----- | ----- |



100-100000-100000

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CP&L CO
RUN DATE 01/13/92
RUN TIME 09:43:28

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

PAGE 1
RPD39-000

DOCKET NO. 050-400
COMPLETED BY AMANDA CRENSHAW
TELEPHONE (919)362-2808

DECEMBER 1991

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	870	17	883
2	866	18	884
3	869	19	886
4	887	20	885
5	889	21	881
6	885	22	876
7	882	23	873
8	751	24	882
9	627	25	886
10	872	26	886
11	879	27	885
12	880	28	886
13	870	29	886
14	867	30	885
15	887	31	884
16	887		

1.16 - 8

MEM/DATAREP/3/OS4

STATE OF CALIFORNIA
COUNTY OF ALBERTA

BEFORE ME, the undersigned authority, on this day personally appeared _____

and acknowledged to me that he executed the foregoing instrument as his free act and deed.

NOTARY PUBLIC
STATE OF CALIFORNIA

My Commission Expires _____

My Commission Expires _____

NOTARY PUBLIC
STATE OF CALIFORNIA

My Commission Expires _____

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 01/06/92
 COMPLETED BY: A. P. Crenshaw
 TELEPHONE: (919) 362-2808

REPORT MONTH: December 1991

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
91-019	911208	S	0.0	B	5	N/A	HA	Valve	Reduced load to 50% for turbine valve testing, condensate booster pump "B" alignment, and repairs on preheater bypass valves AF-81 and AF-102. Unit was returned to 100% power at 1735 on 12/09/91.

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