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 AUTH. NAME AUTHOR AFFILIATION
 CRENSHAW, A. Carolina Power & Light Co.
 VAUGHN, G.E. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for April 1992 for Harris Nuclear
 Project Dept Unit 1.W/920515 itr.

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Carolina Power & Light Company

MAY 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 April 1992.

Yours very truly,

G. E. Vaughn
Vice President
Harris Nuclear Project

APC:nrm

Enclosure

cc: Mr. S. D. Ebnetter (NRC-R11)
Mr. R. G. Oehl (DOE)
Mr. J. E. Tedrow (NRC-SHNPP)

MEM/DATAREP/1/OS4

9205190036 920430
PDR ADCK 05000400
R PDR

DOCKET NO.: 050-400
UNIT: Harris Unit 1
DATE: April 1992
COMPLETED BY: Amanda Crenshaw

OPERATIONS SUMMARY

Harris Unit 1 operated at 100 percent Availability Factor for the referenced month and a 101.77 percent Capacity Factor. Two power reductions occurred in April. Details are provided on the Unit Shutdowns and Power Reduction Sheets.

There are 157 fuel assemblies in the reactor vessel, 731 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. 154 of the spent fuel assemblies are from CP&L's Robinson Plant.

CP&L CO
RUN DATE 05/06/92
RUN TIME 08:58:56

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
HARRIS UNIT 1

PAGE 1
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DOCKET NO. 050-400
COMPLETED BY AMANDA CRENSHAW
TELEPHONE (919)362-2808

OPERATING STATUS

	NOTES
1. UNIT NAME: HARRIS UNIT 1	
2. REPORTING PERIOD: APRIL 92	
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: 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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	719.00	2903.00	43824.00
12. NUMBER OF HOURS REACTOR CRITICAL	719.00	2776.62	35764.62
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	719.00	2767.02	35321.12
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1986238.44	7418687.22	93394811.70
17. GROSS ELEC. ENERGY GEN. (MWH)	669649.00	2503494.00	31104857.00
18. NET ELEC. ENERGY GENERATED (MWH)	629308.00	2340406.00	28939069.00
19. UNIT SERVICE FACTOR	100.00	95.32	80.60
20. UNIT AVAILABILITY FACTOR	100.00	95.32	80.60
21. UNIT CAP. FACTOR (USING MDC NET)	101.77	93.74	76.78
22. UNIT CAP. FACTOR (USING DER NET)	97.25	89.58	73.37
23. UNIT FORCED OUTAGE RATE	.00	4.69	3.92

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling outage number 4 currently scheduled to begin September 12 and be completed by November 12, 1992.

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 05/06/92
RUN TIME 08:58:47

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

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RPD39-000

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

APRIL 1992

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	883	17	870
2	886	18	874
3	886	19	874
4	885	20	871
5	884	21	867
6	882	22	873
7	880	23	877
8	878	24	872
9	876	25	864
10	875	26	853
11	874	27	881
12	849	28	883
13	883	29	883
14	875	30	881
15	864		
16	873		

1.16 - 8

MEM/DATAREP/3/OS4

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 05/06/92
 COMPLETED BY: A. P. Crenshaw
 TELEPHONE: (919) 362-2808

REPORT MONTH: April 1992

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
92-006	920412	S	0.0	B	5	N/A	HA	Valve	Reduced unit power to 80% to perform turbine valve test. The test was satisfactorily completed and the unit returned to 100% at 07:00.

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

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 05/06/92
 COMPLETED BY: A. P. Crenshaw
 TELEPHONE: (919) 362-2808

REPORT MONTH: April 1992

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
92-007	920425	F	0.0	A	5	N/A	CH	INSTRU	Reduced unit to 88% power due to failure of "B" Steam Generator preheater bypass valve. Failure was caused by a blown varistor in the safeguards test cabinet "B" and a blown fuse in the Auxiliary Relay Panel. Repairs were made and tests were satisfactorily completed. Unit returned to 100% at 0600 on 4/26/92.

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
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