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 CRENSHAW, A. Carolina Power & Light Co.
 ROBINSON, W. R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating ~~rept~~ for Sept 1993 for Harris Nuclear
 Plant Unit 1. W/931015 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed. 05000400

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Carolina Power & Light Company
P.O. Box 165
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OCT 15 1993

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United States Nuclear Regulatory Commission
Washington, DC 20555

HARRIS NUCLEAR PLANT 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 September 1993.

Yours very truly,

W. R. Robinson
General Manager
Harris Nuclear Plant

APC:bdd

Enclosure

c: Mr. S. D. Ebnetter (NRC-R11)
Mr. J. E. Tedrow (NRC-SHNPP)

MIS/MTH-OPR.RPT/1/OS4

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DOCKET NO.: 050-400
UNIT: Harris Unit 1
DATE: September 1993
COMPLETED BY: Amanda Crenshaw

OPERATIONS SUMMARY

Harris Unit 1 operated at 100 percent Availability Factor for the referenced month and a 98.16 percent Capacity Factor. There were two significant power reductions.

There are 157 fuel assemblies in the reactor vessel and 1031 spent fuel assemblies stored in the spent fuel pools. 583 of the spent fuel assemblies are BWR, which were shipped to Harris from CP&L's Brunswick Plant. 224 of the spent fuel assemblies are from CP&L's Robinson Plant.

CP&L CO
RUN DATE 10/06/93
RUN TIME 11:07:16

UNIT 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: SEPTEMBER 93 | |
| 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	720.00	6551.00	56256.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	6524.41	46093.31
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	720.00	6512.45	45568.63
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1960157.88	17850604.86	121201710.30
17. GROSS ELEC. ENERGY GEN. (MWH)	647691.00	5980693.00	40395534.00
18. NET ELEC. ENERGY GENERATED (MWH)	607827.00	5612887.00	37618563.00
19. UNIT SERVICE FACTOR	100.00	99.41	81.00
20. UNIT AVAILABILITY FACTOR	100.00	99.41	81.00
21. UNIT CAP. FACTOR (USING MDC NET)	98.16	99.63	77.76
22. UNIT CAP. FACTOR (USING DER NET)	93.80	95.20	74.30
23. UNIT FORCED OUTAGE RATE	.00	.00	3.49
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Unit scheduled for shutdown on March 5, 1994 for Refueling Outage Number 5.

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 10/06/93
RUN TIME 11:07:16

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

SEPTEMBER 1993

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	853	17	860
2	851	18	860
3	851	19	865
4	856	20	869
5	861	21	862
6	860	22	864
7	859	23	864
8	859	24	748
9	857	25	472
10	857	26	820
11	873	27	858
12	873	28	877
13	864	29	878
14	859	30	880
15	858		
16	859		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: September 1993
 COMPLETED BY: A. P. Crenshaw
 TELEPHONE: (919) 362-2808

REPORT MONTH: September 1993

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 and Corrective Action to Prevent Recurrence
93-005	930924	F	0.0	A	5	N/A	HH	Pump	Unit power reduced to 85% to repair leak on the "B" Heater Drain Pump. A turbine valve test was also performed while at 85% power. During this event, power was further reduced to 50% for a period of time for repairs to the "B" Main Feed Pump (see event #93-006). Unit was returned to 100% on September 26, 1993.

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: September 1993
 COMPLETED BY: A. P. Crenshaw
 TELEPHONE: (919) 362-2808

REPORT MONTH: September 1993

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 and Corrective Action to Prevent Recurrence
93-006	930924	F	0.0	A	5	N/A	CH	Pump	Unit power reduced to 50% for repairs of a seal piping leak on the "B" Main Feed Pump. This power reduction occurred while the plant was at 85% (see event #93-005). Unit power returned to 85% on September 25, 1993 then to 100% on September 26, 1993.

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
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5
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