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SUBJECT: Monthly operating rept for Jul 1993 for Harris Nuclear Plant,unit 1.W/930809 ltr.

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Carolina Power & Light Company

HARRIS NUCLEAR PLANT
P. O. Box 165
New Hill, North Carolina 27562

AUG 0 9 1993

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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 July 1993.

Yours very truly,

W. R. Robinson
General Manager
Harris Nuclear Plant

APC:dmw

Enclosure

cc: Mr. S. D. Ebneter (NRC-RII)
Mr. J. E. Tedrow (NRC-SHNPP)

MIS/MTH-OPR.RPT/1/OS4

160021

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

OPERATIONS SUMMARY

Harris Unit 1 operated at 100 percent Availability Factor for the referenced month and a 99.16 percent Capacity Factor. There were no significant power reductions.

There are 157 fuel assemblies in the reactor vessel and 963 spent fuel assemblies stored in the spent fuel pools. 515 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.

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

OPERATING STATUS

1. UNIT NAME: HARRIS UNIT 1
2. REPORTING PERIOD: JULY 93
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

NOTES

See Operations Summary.

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	744.00	5087.00	54792.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5060.41	44629.31
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	5048.45	44104.63
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2061676.26	13840019.46	117191124.90
17. GROSS ELEC. ENERGY GEN. (MWH)	676851.00	4657776.00	39072617.00
18. NET ELEC. ENERGY GENERATED (MWH)	634479.00	4371539.00	36377215.00
19. UNIT SERVICE FACTOR	100.00	99.24	80.49
20. UNIT AVAILABILITY FACTOR	100.00	99.24	80.49
21. UNIT CAP. FACTOR (USING MDC NET)	99.16	99.93	77.20
22. UNIT CAP. FACTOR (USING DER NET)	94.75	95.48	73.77
23. UNIT FORCED OUTAGE RATE	.00	.00	3.61

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

	FORECAST	ACHIEVED
INITIAL CRITICALITY	--------	--------
INITIAL ELECTRICITY	--------	--------
COMMERCIAL OPERATION	--------	--------

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

JULY 1993

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	858	17	855
2	858	18	855
3	854	19	854
4	853	20	853
5	854	21	856
6	856	22	855
7	856	23	855
8	852	24	849
9	852	25	833
10	854	26	852
11	854	27	832
12	853	28	847
13	856	29	845
14	853	30	856
15	855	31	861
16	861		