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 AUTH. NAME AUTHOR AFFILIATION
 ROGERS, S. Carolina Power & Light Co.
 ALEXANDER, D.B. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1999 for Harris Nuclear Plant. With 990908 ltr

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed. 05000400

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OFFICE OF THE
ATTORNEY GENERAL



Carolina Power & Light Company
Harris Nuclear Plant
P.O. Box 165
New Hill NC 27562

Serial: HNP-99-137

SEP 8 1999

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
MONTHLY OPERATING REPORT

Dear Sir or Madam:

In accordance with Carolina Power & Light Company's Harris Nuclear Plant Technical Specification 6.9.1.5, the report of operating statistics and shutdown experience for the month of August 1999 is provided.

Sincerely,

D. B. Alexander
Manager, Regulatory Affairs
Harris Plant

SGR

Enclosure

c: Mr. J. B. Brady - NRC Senior Resident Inspector
Mr. R. J. Laufer - NRC Project Manager
Mr. L. A. Reyes - NRC Regional Administrator

5413 Shearon Harris Road New Hill NC

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RUN DATE 09/01/99
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PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
HARRIS UNIT 1

PAGE 1
RPD36-000

DOCKET NO. 050-400
COMPLETED BY SHEILA ROGERS
TELEPHONE (919) 362-2573

OPERATING STATUS

1. UNIT NAME: HARRIS UNIT 1
2. REPORTING PERIOD: AUGUST 99
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:

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	5831.00	108120.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5669.60	91895.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	5595.11	90980.72
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2059751.52	15312745.26	244732469.22
17. GROSS ELEC. ENERGY GEN (MWH)	674952.00	5076986.00	81421023.00
18. NET ELEC. ENERGY GENERATED (MWH)	634095.00	4760735.00	75997607.00
19. UNIT SERVICE FACTOR	100.00	95.95	84.15
20. UNIT AVAILABILITY FACTOR	100.00	95.95	84.15
21. UNIT CAP. FACTOR (USING MDC NET)	99.10	94.94	81.73
22. UNIT CAP. FACTOR (USING DER NET)	94.70	90.72	78.10
23. UNIT FORCED OUTAGE RATE	.00	4.05	3.16

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

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 08/06/99
RUN TIME 12:23:03

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

PAGE 1
RPD39-000

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TELEPHONE (919) 362-2573

JULY 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	852	17	850
2	853	18	848
3	850	19	847
4	847	20	847
5	843	21	847
6	843	22	845
7	850	23	842
8	850	24	845
9	844	25	849
10	847	26	846
11	860	27	848
12	866	28	846
13	865	29	849
14	861	30	846
15	858	31	844
16	854		