



Carolina Power & Light Company  
Harris Nuclear Plant  
PO Box 165  
New Hill NC 27562

NOV 12 1999

Serial: HNP-99-177

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 October 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

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CP&L CO.  
RUN DATE 11/03/99  
RUN TIME 14:27:38

PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
HARRIS UNIT 1

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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: OCTOBER 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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	745.00	7296.00	109585.00
12. NUMBER OF HOURS REACTOR CRITICAL	745.00	7134.60	93360.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	745.00	7060.11	92445.72
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2062961.64	19351748.88	248771472.84
17. GROSS ELEC. ENERGY GEN (MWH)	688156.00	6417999.00	82762036.00
18. NET ELEC. ENERGY GENERATED (MWH)	647981.00	6022631.00	77259503.00
19. UNIT SERVICE FACTOR	100.00	96.77	84.36
20. UNIT AVAILABILITY FACTOR	100.00	96.77	84.36
21. UNIT CAP. FACTOR (USING MDC NET)	101.14	95.98	81.98
22. UNIT CAP. FACTOR (USING DER NET)	96.64	91.72	78.34
23. UNIT FORCED OUTAGE RATE	.00	3.23	3.11

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

Plant Refueling Outage number 9 is planned to begin April 15, 2000, and is scheduled for a duration of 35 days.

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	_____	_____

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

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OCTOBER 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	872	17	860
2	868	18	869
3	860	19	873
4	861	20	872
5	868	21	876
6	874	22	875
7	871	23	876
8	871	24	878
9	864	25	879
10	860	26	874
11	860	27	873
12	867	28	874
13	870	29	872
14	870	30	868
15	873	31	867
16	866		