



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

Serial: HNP-01-024

**FEB 14 2001**

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 January 2001 is provided.

Sincerely,

R. J. Field  
Manager, Regulatory Affairs  
Harris Nuclear Plant

SGR

Enclosure

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)  
Mr. R. J. Laufer (NRC Project Manager, HNP)  
Mr. L. A. Reyes (NRC Regional Administrator, Region II)

TE24

CP&L CO.  
RUN DATE 02/02/01  
RUN TIME 08:51:22

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: JANUARY 01
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	744.00	744.00	120577.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	744.00	103672.22
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	744.00	102714.15
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2061689.58	2061689.58	276781341.60
17. GROSS ELEC. ENERGY GEN (MWH)	692946.00	692946.00	92089696.00
18. NET ELEC. ENERGY GENERATED (MWH)	651550.00	651550.00	86010531.00
19. UNIT SERVICE FACTOR	100.00	100.00	85.19
20. UNIT AVAILABILITY FACTOR	100.00	100.00	85.19
21. UNIT CAP. FACTOR (USING MDC NET)	101.83	101.83	82.94
22. UNIT CAP. FACTOR (USING DER NET)	97.30	97.30	79.26
23. UNIT FORCED OUTAGE RATE	.00	.00	2.87
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 02/02/01  
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PLANT PERFORMANCE DATA SYSTEM  
APPENDIX B - AVERAGE DAILY POWER LEVEL  
HARRIS UNIT 1

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JANUARY 2001

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	880	17	877
2	880	18	876
3	879	19	867
4	880	20	873
5	879	21	878
6	879	22	877
7	848	23	880
8	877	24	877
9	879	25	879
10	878	26	880
11	876	27	876
12	877	28	879
13	877	29	877
14	878	30	868
15	872	31	870
16	874		