



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

Serial: HNP-01-046

MAR 6 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 February 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)

1E24

CP&L CO.
RUN DATE 03/01/01
RUN TIME 11:55:43

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: FEBRUARY 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	672.00	1416.00	121249.00
12. NUMBER OF HOURS REACTOR CRITICAL	672.00	1416.00	104344.22
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	672.00	1416.00	103386.15
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1864193.94	3925883.52	278645535.54
17. GROSS ELEC. ENERGY GEN (MWH)	624748.00	1317694.00	92714444.00
18. NET ELEC. ENERGY GENERATED (MWH)	587897.00	1239447.00	86598428.00
19. UNIT SERVICE FACTOR	100.00	100.00	85.27
20. UNIT AVAILABILITY FACTOR	100.00	100.00	85.27
21. UNIT CAP. FACTOR (USING MDC NET)	101.73	101.78	83.05
22. UNIT CAP. FACTOR (USING DER NET)	97.21	97.26	79.36
23. UNIT FORCED OUTAGE RATE	.00	.00	2.85

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	_____	_____

Enclosure to
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CP&L CO.
RUN DATE 03/01/01
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PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
HARRIS UNIT 1

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RPD39-000

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FEBRUARY 2001

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	877	17	876
2	878	18	882
3	881	19	880
4	880	20	871
5	877	21	872
6	878	22	880
7	875	23	879
8	875	24	876
9	868	25	867
10	870	26	870
11	880	27	876
12	881	28	876
13	876		
14	871		
15	864		
16	861		