



Serial: HNP-01-063

APR 10 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 March 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)

Harris Nuclear Plant  
5413 Shearon Harris Road  
New Hill, NC 27562

TE24

CP&L CO.  
 RUN DATE 04/04/01  
 RUN TIME 08:56:44

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: MARCH 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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	121993.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	2160.00	105088.22
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	2160.00	104130.15
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2063980.62	5989864.14	280709516.16
17. GROSS ELEC. ENERGY GEN (MWH)	691535.00	2009229.00	93405979.00
18. NET ELEC. ENERGY GENERATED (MWH)	650961.00	1890408.00	87249389.00
19. UNIT SERVICE FACTOR	100.00	100.00	85.36
20. UNIT AVAILABILITY FACTOR	100.00	100.00	85.36
21. UNIT CAP. FACTOR (USING MDC NET)	101.74	101.77	83.16
22. UNIT CAP. FACTOR (USING DER NET)	97.22	97.24	79.47
23. UNIT FORCED OUTAGE RATE	.00	.00	2.83
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Plant Refueling Outage number 10 is planned to begin September 22, 2001 and is scheduled for a duration of 68 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	_____	_____

CP&L CO.  
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PLANT PERFORMANCE DATA SYSTEM  
APPENDIX B - AVERAGE DAILY POWER LEVEL  
HARRIS UNIT 1

PAGE 1  
RPD39-000

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MARCH 2001

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	877	17	874
2	873	18	877
3	876	19	878
4	875	20	875
5	877	21	873
6	879	22	873
7	880	23	873
8	880	24	870
9	878	25	877
10	880	26	878
11	876	27	880
12	871	28	879
13	864	29	874
14	871	30	870
15	873	31	869
16	875		