



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

Serial: HNP-00-167

NOV 14 2000

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 2000 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)

5413 Shearon Harris Road New Hill NC

IE24

CP&L CO.
RUN DATE 11/10/00
RUN TIME 15:28:30

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: OCTOBER 00
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	7320.00	118369.00
12. NUMBER OF HOURS REACTOR CRITICAL	745.00	6663.66	101464.22
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	745.00	6635.15	100506.15
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2064220.38	18002932.38	270658417.32
17. GROSS ELEC. ENERGY GEN (MWH)	684628.00	5970172.00	90033287.00
18. NET ELEC. ENERGY GENERATED (MWH)	644571.00	5596125.00	84077146.00
19. UNIT SERVICE FACTOR	100.00	90.64	84.91
20. UNIT AVAILABILITY FACTOR	100.00	90.64	84.91
21. UNIT CAP. FACTOR (USING MDC NET)	100.60	88.90	82.59
22. UNIT CAP. FACTOR (USING DER NET)	96.13	84.94	78.92
23. UNIT FORCED OUTAGE RATE	.00	.42	2.93

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
Serial: HNP-00-167
Sheet 2 of 2

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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OCTOBER 2000

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	839	17	864
2	862	18	863
3	858	19	870
4	857	20	870
5	856	21	867
6	855	22	863
7	870	23	870
8	875	24	871
9	865	25	867
10	863	26	868
11	862	27	866
12	870	28	863
13	869	29	872
14	867	30	872
15	868	31	873
16	864		