



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

Serial: HNP-00-048

MAR 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 February 2000 is provided.

Sincerely,

D. B. Alexander
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)

IE24

CP&L CO.
RUN DATE 03/01/00
RUN TIME 11:11:38

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 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	696.00	1440.00	112489.00
12. NUMBER OF HOURS REACTOR CRITICAL	696.00	1440.00	96240.56
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	696.00	1440.00	95311.00
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1920897.18	3974901.12	256630386.06
17. GROSS ELEC. ENERGY GEN (MWH)	643483.00	1335995.00	85399110.00
18. NET ELEC. ENERGY GENERATED (MWH)	604394.00	1255142.00	79736163.00
19. UNIT SERVICE FACTOR	100.00	100.00	84.73
20. UNIT AVAILABILITY FACTOR	100.00	100.00	84.73
21. UNIT CAP. FACTOR (USING MDC NET)	100.97	101.35	82.42
22. UNIT CAP. FACTOR (USING DER NET)	96.49	96.85	78.76
23. UNIT FORCED OUTAGE RATE	.00	.00	3.06
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	_____	_____

CP&L CO.
RUN DATE 03/01/00
RUN TIME 11:11:38

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

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DOCKET NO. 050-400
COMPLETED BY SHEILA ROGERS
TELEPHONE (919)362-2573

FEBRUARY 2000

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	879	17	876
2	878	18	877
3	878	19	865
4	877	20	877
5	878	21	877
6	859	22	875
7	837	23	872
8	844	24	867
9	855	25	865
10	874	26	866
11	870	27	865
12	841	28	875
13	872	29	873
14	864		
15	876		
16	872		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 02/29/00
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH: February 2000

NUMBER	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	LICENSEE EVENT REPORT #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
00-001	02/12/00	S	0.0	B	5	NA	HA	VALVEX	Plant reduced power to 80% at 00:06 on 2/12/00 to perform quarterly Turbine Valve testing. Testing was completed satisfactory and plant was returned to 100% power on 2/12/00 @ 07:00

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continued
 5-Reduced Load
 6-Other

4
 Exhibit G-Instructions
 for Preparation of Data
 Entry Sheets for Licensee Event Report
 (LER) File
 (NUREG-0161)

5
 Exhibit 1 - Same Source