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 AUTH. NAME AUTHOR AFFILIATION
 ROGERS, S.G. Carolina Power & Light Co.
 DONAHUE, J.W. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1997 for Shearon Harris
 Nuclear Power Plant. W/970312 ltr.

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Carolina Power & Light Company
Harris Nuclear Plant
PO Box 165
New Hill NC 27562

MAR 12 1997

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

Serial: HNP-97-061

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
MONTHLY OPERATING REPORT

Dear Sir or Madam:

In accordance with Harris Nuclear Plant Technical Specification 6.9.1.5, the report of operating statistics and shutdown experience for the month of February 1997 is provided.

Sincerely,

J. W. Donahue
Director of Site Operations
Harris Plant

9703240197 970228
PDR ADOCK 05000400
R PDR

ITD

MV

Enclosure



- c: Mr. J. B. Brady (HNP Senior NRC Resident)
- Mr. L. A. Reyes (NRC Regional Administrator, Region II)
- Mr. N. B. Le (NRC Project Manager)

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bc: Ms. P. Brannan
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Mr. W. S. Orser
Mr. W. R. Robinson
Mr. G. A. Rolfson
Mr. M. A. Turkall (BNP)
Mr. T. D. Walt
Mr. W. G. Wendland
Nuclear Records
File: HI/A-2D

CP&L CO.
RUN DATE 03/05/97
RUN TIME 09:10:34

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] NOTES]
2. REPORTING PERIOD: FEBRUARY 97]]
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	86185.00
12. NUMBER OF HOURS REACTOR CRITICAL	656.71	1381.34	72647.45
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	643.13	1367.76	71925.42
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1759032.54	3774215.34	192658548.60
17. GROSS ELEC. ENERGY GEN (MWH)	591249.00	1269439.00	64136691.00
18. NET ELEC. ENERGY GENERATED (MWH)	554879.00	1192139.00	59816878.00
19. UNIT SERVICE FACTOR	95.70	96.59	83.45
20. UNIT AVAILABILITY FACTOR	95.70	96.59	83.45
21. UNIT CAP. FACTOR (USING MDC NET)	96.01	97.90	80.70
22. UNIT CAP. FACTOR (USING DER NET)	91.75	93.55	77.12
23. UNIT FORCED OUTAGE RATE	4.30	3.41	3.33

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling outage is scheduled to begin April 5, 1997 with a duration of 40 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	_____	_____

Enclosure to
Serial HNP-97-061
Sheet 2 of 3

CP&L CO.
RUN DATE 03/05/97
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PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
HARRIS UNIT 1

PAGE 1
RPD39-000

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

FEBRUARY 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-40	17	881
2	383	18	879
3	869	19	869
4	867	20	873
5	872	21	872
6	854	22	871
7	878	23	883
8	880	24	880
9	882	25	882
10	883	26	878
11	883	27	864
12	881	28	869
13	883		
14	882		
15	880		
16	881		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 01/31/97
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH

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
97-001	970131	F	28.87	A	4	97-001	CH	VALVEX	An automatic reactor trip occurred on 01/31/97 @ 04:38 on low-low steam generator level after a feedwater isolation valve failed closed during surveillance testing. Repairs were made and the plant was returned on line 02/02/97 @ 04:52. The plant achieved 100% power 02/02/97 @21:00.

- 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 I - Same Source