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 ROGERS, S.G. Carolina Power & Light Co.
 ROBINSON, W.R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1994 for Shearon Harris Nuclear Power Plant, Unit 1.W/940413 ltr.

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NOTES: Application for permit renewal filed. 05000400

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

William R. Robinson
Vice President
Harris Nuclear Plant

APR 13 1994

File: HO-940294

Serial HNP 94-030

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 OPERATIONS REPORT

Gentlemen:

In accordance with Technical Specification 6.9.1.5 for the Shearon Harris Nuclear Power Plant, Unit No. 1, Carolina Power & Light Company herewith submits the report of operation statistics and shutdown experience for the month of March 1994.

Very truly yours,

SGR:dtp

Attachments

c: Mr. S. D. Ebnetter (NRC-RII)
Mr. N. B. Le (NRR)
Mr. J. E. Tedrow (NRC-SHNPP)

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9404190337 940331
PDR ADCK 05000400
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Mr. L. S. Rowell
Mr. R. S. Stancil
Mr. M. G. Wallace
Nuclear Records
File: HI/A-2D

CP&L CO
 RUN DATE 04/05/94
 RUN TIME 11:04:39

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: MARCH 94 | . | | . |
| 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: NONE | | | |

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): NONE
 10. REASONS FOR RESTRICTION IF ANY: N/A

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	60625.00
12. NUMBER OF HOURS REACTOR CRITICAL	433.83	1849.83	50152.14
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	433.55	1849.55	49627.18
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1159652.52	5068200.06	132326854.02
17. GROSS ELEC. ENERGY GEN. (MWH)	389451.00	1708521.00	44142742.00
18. NET ELEC. ENERGY GENERATED (MWH)	359213.00	1596319.00	41129716.00
19. UNIT SERVICE FACTOR	58.27	85.63	81.86
20. UNIT AVAILABILITY FACTOR	58.27	85.63	81.86
21. UNIT CAP. FACTOR (USING MDC NET)	56.14	85.93	78.89
22. UNIT CAP. FACTOR (USING DER NET)	53.65	82.12	75.38
23. UNIT FORCED OUTAGE RATE	.00	.00	3.22

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
 Unit was shutdown on March 19, 1994 for Refueling Outage Number 5.
 Planned duration for Outage is 45 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: May 2, 1994
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY -----

INITIAL ELECTRICITY -----

COMMERCIAL OPERATION -----

CP&L CO
RUN DATE 04/05/94
RUN TIME 11:04:38

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

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Serial HNP-94-030
Page 2 of 4

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

MARCH 1994

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	880	17	786
2	874	18	755
3	877	19	-31
4	873	20	-32
5	874	21	-24
6	875	22	-25
7	864	23	-18
8	861	24	-11
9	866	25	-12
10	853	26	-12
11	857	27	-9
12	851	28	-11
13	842	29	-12
14	812	30	-12
15	798	31	-12
16	791		

Note: There were 2 significant power reductions for the month of March, 1994.
Please see summary on attached Unit Shutdowns and Power Reduction reports.

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 4/5/94
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573
 SERIAL NO.: HNP-94-030

REPORT MONTH: MARCH 1994

No.	Date	T ¹ Type	Duration (Hours)	R ² Reason	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
94-006	940307	S	0	F	5	N/A	ZZ	ZZZZZ	Unit ramped down in preparation for refueling outage 5 which commenced on 3/19/94 at 01:33.

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

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 4/5/94
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573
 SERIAL NO.: HNP-94-030

REPORT MONTH: MARCH 1994

No.	Date	T ¹ y p e	Duration (Hours)	R ² e a s o n	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
94-007	940319	S	310.45	C	1	N/A	ZZ	ZZZZZ	Unit was shutdown for the scheduled RFO5 refueling outage.

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
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4

Exhibit G-Instructions
 for Preparation of Data
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Exhibit 1 - Same Source