

# CATEGORY 1

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ACCESSION NBR: 9701220287      DOC. DATE: ~~96/12/31~~ NOTARIZED: NO      DOCKET #  
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina      05000400  
 AUTH. NAME      AUTHOR AFFILIATION  
 ROGERS, S.      Carolina Power & Light Co.  
 DONAHUE, J.W.      Carolina Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1996 for Shearon Harris  
 Nuclear Power Plant w/970110 ltr.

DISTRIBUTION CODE: IE24D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 5  
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed.      05000400

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MR



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

JAN 10 1997

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

SERIAL: HNP-97-001

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

Dear Sir or Madam:

In accordance with Technical Specification 6.9.1.5 for the Harris Nuclear Plant, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of December 1996.

Sincerely,

J. W. Donahue  
Director of Site Operations  
Harris Plant

SGR

Enclosure

220014

c: Mr. J. B. Brady - NRC Senior Resident Inspector  
Mr. L. A. Reyes - NRC Regional Administrator  
Mr. N. B. Le - NRC Project Manager

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bc: Ms. P. Brannan  
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Ms. W. C. Langston (PE&RAS File)  
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Mr. W. R. Robinson  
Mr. G. A. Rolfson  
Mr. R. S. Stancil  
Mr. T. D. Walt  
Mr. W. G. Wendland  
Nuclear Records  
File: HI/A-2D



10-11-68

Dear Mr. [Name]

Dear Sir,

I am writing to you regarding the [Subject]

I am writing to you regarding the [Subject]

I am writing to you regarding the [Subject]

I am writing to you regarding the [Subject]

I am writing to you regarding the [Subject]

CP&L CO.  
RUN DATE 01/06/97  
RUN TIME 10:41:36

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: DECEMBER 96              | ]       | ] |
| 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	744.00	8784.00	84769.00
12. NUMBER OF HOURS REACTOR CRITICAL	696.00	8378.85	71266.11
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	680.13	8303.50	70557.66
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1850467.68	22637653.02	188884333.26
17. GROSS ELEC. ENERGY GEN (MWH)	620304.00	7538928.00	62867252.00
18. NET ELEC. ENERGY GENERATED (MWH)	580692.00	7067741.00	58624739.00
19. UNIT SERVICE FACTOR	91.42	94.53	83.24
20. UNIT AVAILABILITY FACTOR	91.42	94.53	83.24
21. UNIT CAP. FACTOR (USING MDC NET)	90.76	93.56	80.42
22. UNIT CAP. FACTOR (USING DER NET)	86.72	89.40	76.84
23. UNIT FORCED OUTAGE RATE	8.58	4.61	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	_____	_____

2

THE UNITED STATES OF AMERICA  
DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D. C. 20535

MEMORANDUM

TO : SAC, NEW YORK

FROM : SAC, NEW YORK

SUBJECT: [Illegible]

DATE: [Illegible]

BY: [Illegible]

[Illegible]

CP&L CO.  
RUN DATE 01/06/97  
RUN TIME 10:41:37

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

DECEMBER 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	868	17	877
2	880	18	879
3	882	19	647
4	880	20	-36
5	881	21	-40
6	881	22	65
7	878	23	771
8	881	24	861
9	882	25	874
10	882	26	874
11	874	27	876
12	870	28	877
13	875	29	870
14	881	30	873
15	883	31	870
16	882		



11

THE  
STATE OF  
NEW YORK

IN SENATE

JANUARY 1, 1902



UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 12/30/96  
 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
96-008	961219	F	63.52	A	5	N/A	HD	PIPEXX	Unit reduced load on 12/19/96 due to a steam leak upstream of 1GS-102. Cause was attributed to flow accelerated corrosion. Unit was taken off line 12/19/96 @21:12. Affected pipe was replaced and unit was returned on line 12/22/96 @ 13:04. Plant achieved 100% power on 12/23/96 @18:00.

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