

# CATEGORY 1

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FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina      05000400  
AUTH. NAME      AUTHOR AFFILIATION  
BOULWARE, L.      Carolina Power & Light Co.  
DONAHUE, J.W.      Carolina Power & Light Co.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1995 for SHNPP.W/960110 ltr.

DISTRIBUTION CODE: IE24D      COPIES RECEIVED: LTR 1      ENCL 1      SIZE: 4  
TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed.      05000400

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

JAN 10 1996

SERIAL: HNP-96-001

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

Gentlemen:

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 1995.

Sincerely,

J. W. Donahue  
General Manager  
Harris Nuclear Plant

LDB

Enclosure

c: Mr. S. D. Ebnetter  
Mr. N. B. Le  
Mr. D. J. Roberts

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CP&L CO.  
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PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
HARRIS UNIT 1

PAGE 1  
RPD36-000

DOCKET NO. 050-400  
COMPLETED BY LESLIE BOULWARE  
TELEPHONE (919)362-2905

OPERATING STATUS

- |  | NOTES |
|--|-------|
| 1. UNIT NAME: HARRIS UNIT 1  |       |
| 2. REPORTING PERIOD: DECEMBER 95   |       |
| 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,<br>GIVE REASONS: |       |
| 9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):   |       |
| 10. REASONS FOR RESTRICTION IF ANY:  |       |

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	8760.00	75985.00
12. NUMBER OF HOURS REACTOR CRITICAL	650.61	7337.41	62887.26
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	625.83	7280.09	62254.16
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1690800.84	19431389.16	166246680.24
17. GROSS ELEC. ENERGY GEN (MWH)	554283.00	6404798.00	55328324.00
18. NET ELEC. ENERGY GENERATED (MWH)	514893.00	5966344.00	51556998.00
19. UNIT SERVICE FACTOR	84.12	83.11	81.93
20. UNIT AVAILABILITY FACTOR	84.12	83.11	81.93
21. UNIT CAP. FACTOR (USING MDC NET)	80.47	79.20	78.90
22. UNIT CAP. FACTOR (USING DER NET)	76.90	75.68	75.39
23. UNIT FORCED OUTAGE RATE	.00	4.94	3.16
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:  
January 1, 1996
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST    ACHIEVED
- |                      |       |       |
|----------------------|-------|-------|
| INITIAL CRITICALITY  | _____ | _____ |
| INITIAL ELECTRICITY  | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

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RUN DATE 01/02/96  
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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 LESLIE BOULWARE  
TELEPHONE (919)362-2905

DECEMBER 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	850	17	854
2	851	18	856
3	850	19	856
4	851	20	855
5	853	21	855
6	854	22	851
7	858	23	853
8	856	24	853
9	855	25	854
10	857	26	307
11	855	27	-33
12	856	28	-36
13	854	29	-36
14	849	30	-38
15	845	31	-36
16	847		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 01/04/96  
 COMPLETED BY: L.D. Boulware  
 TELEPHONE: (919) 362-2905

REPORT MONTH

NUMBER	DATE	TYPE	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
95-009	951227	S	118.17	A	1	N/A	HJ	HTEXCH	Unit was shutdown manually to repair feedwater heater 4B. An impingement plate was found to have migrated from one end of the heater to the other and was blocking extraction steam outlet flow. The plate was retrieved and welded back in place. A missing impingement plate was also found in the 4A feedwater heater and repaired.

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