

CATEGORY 1

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

SUBJECT: Monthly operating ~~rept~~ for Aug 1997 for Shearon Harris Nuclear Plant. W/970911 ltr.

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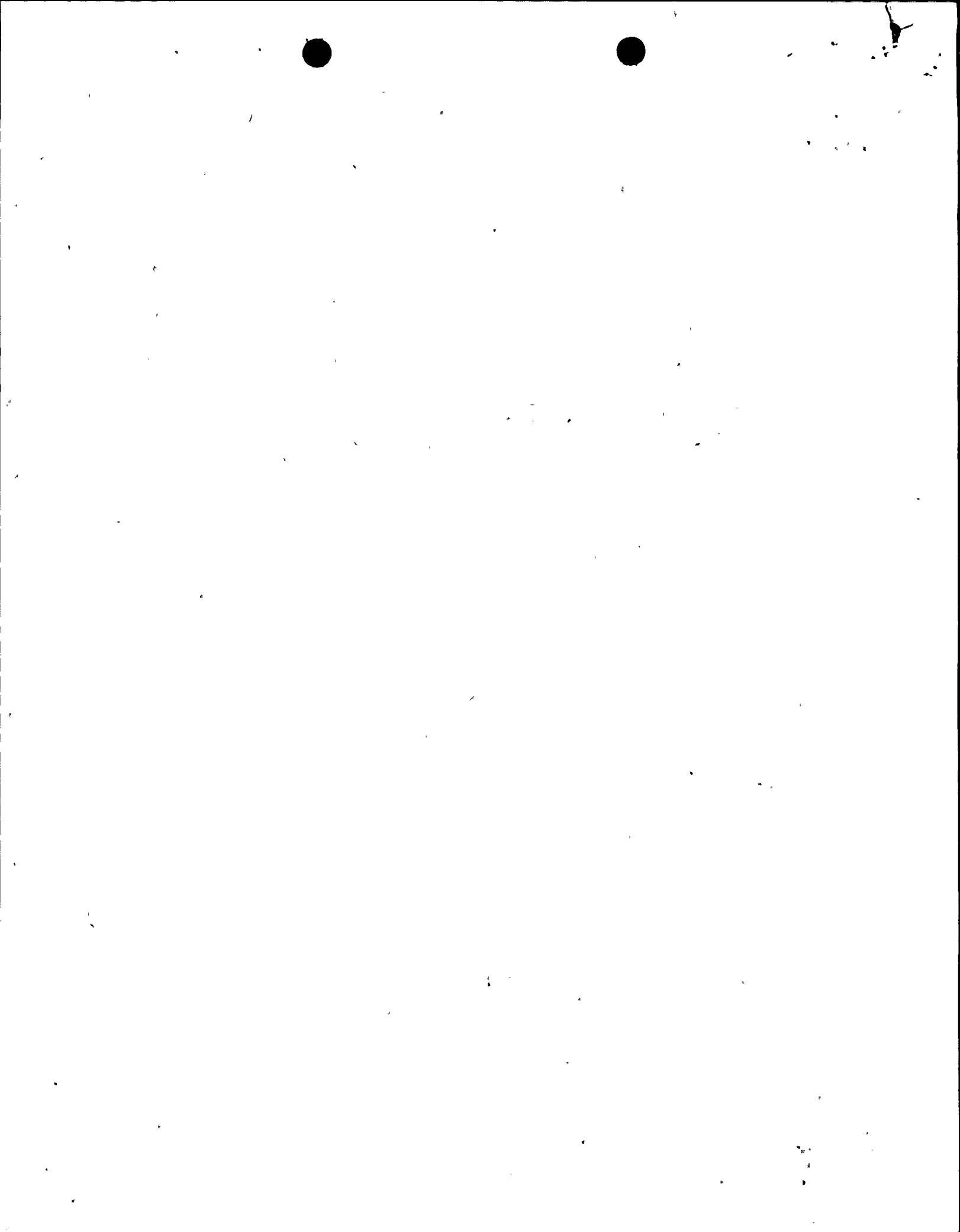
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Carolina Power & Light Company
Harris Nuclear Plant
PO Box 165
New Hill NC 27562

SEP 11 1997

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

Serial: HNP-97-173

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 August 1997 is provided.

Sincerely,



J. W. Donahue
Director of Site Operations
Harris Plant

SGR

Enclosure

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

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bc: Mr. T. C. Bell
Mr. B. H. Clark
Mr. G. W. Davis
Mr. W. J. Hindman
Mr. W. D. Johnson
Ms. W. C. Langston (PE&RAS File)
Mr. R. D. Martin
Mr. W. S. Orser
Mr. W. R. Robinson
Mr. R. F. Saunders
Mr. W. G. Wendland (American Nuclear Insurers)
Nuclear Records
Licensing File

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CP&L CO.
RUN DATE 09/08/97
RUN TIME 09:12:26

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: AUGUST 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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	5831.00	90600.00
12. NUMBER OF HOURS REACTOR CRITICAL	697.95	4114.60	75380.71
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	690.95	4006.88	74564.54
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1856987.82	10866928.86	199751262.12
17. GROSS ELEC. ENERGY GEN (MWH)	609281.00	3608591.00	66475843.00
18. NET ELEC. ENERGY GENERATED (MWH)	569404.00	3356405.00	61981144.00
19. UNIT SERVICE FACTOR	92.87	68.72	82.30
20. UNIT AVAILABILITY FACTOR	92.87	68.72	82.30
21. UNIT CAP. FACTOR (USING MDC NET)	88.99	66.93	79.55
22. UNIT CAP. FACTOR (USING DER NET)	85.04	63.96	76.01
23. UNIT FORCED OUTAGE RATE	7.13	6.91	3.53

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:

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION



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CP&L CO.
RUN DATE 09/03/97
RUN TIME 09:15:59

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

AUGUST 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	864	17	219
2	861	18	822
3	857	19	852
4	856	20	852
5	860	21	857
6	779	22	863
7	856	23	867
8	860	24	867
9	858	25	864
10	853	26	862
11	856	27	861
12	851	28	856
13	848	29	567
14	851	30	-40
15	850	31	-39
16	837		



10-10-10

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UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 08/01/97
 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
97-007	970816	F	0.0	A	5	N/A	HC	HTEXCH	Plant reduced power to 30% to repair a condenser tube leak in the east water box. Repairs were made and plant returned to 100% power on 8/19/97 @ 08:00.

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



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UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 06/01/97
 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
97-008	970829	F	53.25	A	1	97-22	CH	PUMPXX	Plant was taken off line 08/29/97 @ 18:45. LCO expired for TDAFW pump. Repairs were made and plant was returned to service 08/31/97 @ 23:48.

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
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