

CATEGORY 1

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 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 Sept 1997 for Shearon Harris
 Nuclear Power Plant, Unit 1. W/971014 ltr.

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 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

OCT 14 1997

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

Serial: HNP-97-192

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 September 1997 is provided. Please note that a correction is also being provided to last month's report (Serial: HNP-97-173) on Enclosure sheet 4 of 4. This revised version corrects the reason of shutdown #97-008 to be personnel error during the trouble shooting and repair efforts for the Turbine Driven Auxiliary Feedwater Pump, rather than equipment failure as initially reported.

Sincerely,

J. W. Donahue
 Director of Site Operations
 Harris Plant

11-1 DE 24

MV

Enclosure

c: Mr. J. B. Brady - NRC Senior Resident Inspector

9710220105 970930
 PDR ADOCK 05000400
 R PDR



CP&L CO.
RUN DATE 10/01/97
RUN TIME 11:27:13

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: SEPTEMBER 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	720.00	6551.00	91320.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	4834.60	76100.71
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	720.00	4726.88	75284.54
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1968036.66	12834965.52	201719298.78
17. GROSS ELEC. ENERGY GEN (MWH)	649695.00	4258286.00	67125538.00
18. NET ELEC. ENERGY GENERATED (MWH)	610656.00	3967061.00	62591800.00
19. UNIT SERVICE FACTOR	100.00	72.16	82.44
20. UNIT AVAILABILITY FACTOR	100.00	72.16	82.44
21. UNIT CAP. FACTOR (USING MDC NET)	98.62	70.41	79.70
22. UNIT CAP. FACTOR (USING DER NET)	94.24	67.29	76.16
23. UNIT FORCED OUTAGE RATE	.00	5.92	3.50

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 10/01/97
RUN TIME 11:27:12

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

SEPTEMBER 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	454	17	861
2	836	18	858
3	844	19	858
4	869	20	853
5	871	21	868
6	866	22	872
7	861	23	865
8	859	24	870
9	858	25	872
10	861	26	868
11	862	27	866
12	861	28	866
13	859	29	863
14	860	30	861
15	859		
16	863		



UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 10/01/97
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH: SEPTEMBER 1997

NUMBER	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	LER #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
97-008	970829	F	0.0	H	4	97-22	CH	PUMPXX	Plant was taken off line 08/29/97 @ 18:45. LCO expired for TDAFW Pump due to personnel error during trouble shooting and repair efforts. The TDAFW Pump was restored and the plant was returned to service 08/31/97 @ 23:48. Plant achieved 100% power on 09/04/97 @ 04:00

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

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 09/01/97
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH: AUGUST 1997

NUMBER	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	LER #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
97-008	970829	F	53.25	H	1	97-22	CH	PUMPXX	Plant was taken off line 08/29/97 @ 18:45. LCO expired for TDAFW Pump due to personnel error during trouble shooting and repair efforts. The TDAFW Pump was restored and the 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
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