

CATEGORY 1

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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 July 1997 for SHNPP. W/970813 ltr.

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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

AUG 13 1997

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

Serial: HNP-97-161

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 July 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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CP&L CO.
RUN DATE 08/07/97
RUN TIME 13:19:19

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: JULY 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	5087.00	89856.00
12. NUMBER OF HOURS REACTOR CRITICAL	610.18	3416.65	74682.76
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	580.80	3315.93	73873.59
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1567597.50	9009941.04	197894274.30
17. GROSS ELEC. ENERGY GEN (MWH)	512773.00	2999310.00	65866562.00
18. NET ELEC. ENERGY GENERATED (MWH)	475450.00	2787001.00	61411740.00
19. UNIT SERVICE FACTOR	78.06	65.18	82.21
20. UNIT AVAILABILITY FACTOR	78.06	65.18	82.21
21. UNIT CAP. FACTOR (USING MDC NET)	74.31	63.71	79.47
22. UNIT CAP. FACTOR (USING DER NET)	71.01	60.87	75.94
23. UNIT FORCED OUTAGE RATE	21.94	6.86	3.49

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 _____

CP&L CO.
RUN DATE 08/07/97
RUN TIME 13:19:22

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

JULY 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	857	17	855
2	855	18	851
3	846	19	851
4	848	20	73
5	852	21	-33
6	854	22	-32
7	852	23	-28
8	854	24	-30
9	853	25	-34
10	854	26	-30
11	857	27	311
12	860	28	832
13	856	29	847
14	853	30	859
15	850	31	865
16	853		

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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
97-006	970720	F	163.20	A	3	97-19	HA	GENERA	Plant trip on 7/20/97 @ 02:56 caused by problem with the main generator exciter rotor. Plant sync to grid 7/26/97 @ 22:08.

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

10/10/10



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