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 -AUTH. NAME AUTHOR AFFILIATION
 ROGERS, S.G. Carolina Power & Light Co.
 ROBINSON, W.R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1995 for Harris Nuclear Plant. W/951012 ltr.

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NOTES: Application for permit renewal filed. 05000400

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

William R. Robinson
Vice President
Harris Nuclear Plant

OCT 12 1995

SERIAL: HNP-95-092

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 OPERATIONS 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 operation statistics and shutdown experience for the month of September 1995.

Sincerely,

SGR

Enclosure

c: Mr. S. D. Ebnetter (NRC-RII)
Mr. S. A. Elrod (NRC-SHNPP)
Mr. N. B. Le (NRR)

170134

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State Road 1134 New Hill NC Tel 919 362-2502 Fax 919 362-2095



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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: SEPTEMBER 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, 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	73776.00
12. NUMBER OF HOURS REACTOR CRITICAL	24.50	5855.50	61405.35
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	24.00	5855.00	60829.07
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	41958.00	15697859.76	162513150.84
17. GROSS ELEC. ENERGY GEN (MWH)	14160.00	5185528.00	54109054.00
18. NET ELEC. ENERGY GENERATED (MWH)	4070.00	4851147.00	50441801.00
19. UNIT SERVICE FACTOR	3.33	89.38	82.45
20. UNIT AVAILABILITY FACTOR	3.33	89.38	82.45
21. UNIT CAP. FACTOR (USING MDC NET)	.66	86.11	79.50
22. UNIT CAP. FACTOR (USING DER NET)	.63	82.28	75.97
23. UNIT FORCED OUTAGE RATE	.00	.00	2.64
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Unit was shutdown on September 2, 1995 for refueling outage number 6. Planned duration of outage is 40 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: October 10, 1995.

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

	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



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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 SHEILA ROGERS
TELEPHONE (919)362-2573

SEPTEMBER	1995		
DAY	AVG. DAILY POWER LEVEL	DAY	AVG. DAILY POWER LEVEL
	(MWE-NET)		(MWE-NET)
1	536	17	-10
2	-34	18	-10
3	-32	19	-10
4	-30	20	-10
5	-15	21	-10
6	-9	22	-10
7	-11	23	-10
8	-12	24	-10
9	-11	25	-7
10	-12	26	-8
11	-12	27	-6
12	-12	28	-11
13	-11	29	-12
14	-10	30	-13
15	-9		
16	-10		



UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 10/05/95
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

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
95-004	950801	S	0.0	C	4	N/A	ZZ	ZZZZZZ	Unit is coasting down for RFO#6. Coastdown due to high capacity factors during previous cycle, attempts to maximize fuel economy and previous established outage schedule.

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 I - Same Source

Enclosure to
 Serial HNP-95-092
 Sheet 3 of 4

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 10/05/95
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

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
95-005	950902	S	696.0	C	1	N/A	ZZ	ZZZZZZ	Unit was shutdown on 09/02/95 for RFO6. Planned duration of outage is 40 days.

.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:
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