



JAN 15 2002

Serial: HNP-02-005

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

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 December 2001 is provided.

Sincerely,

R. J. Field  
Manager, Regulatory Affairs  
Harris Nuclear Plant

SGR

Enclosure

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)  
Mr. J. M. Goshen (NRC Project Manager, HNP)  
Mr. B. S. Mallett (Acting NRC Regional Administrator, Region II)

Harris Nuclear Plant  
5413 Shearon Harris Road  
New Hill, NC 27562

IE24

CP&L CO.  
RUN DATE 01/11/02  
RUN TIME 12:49:42

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: DECEMBER 01
3. LICENSED THERMAL POWER (MWT): 2900
4. NAMEPLATE RATING (GROSS MWE): 950.9
5. DESIGN ELECTRICAL RATING (NET MWE): 941.7
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:

Gross and Net MAX DEPENDABLE CAPACITY (MDC) is expected to be changed for the January 2002 Monthly Operating Report (MOR) following formalized performance testing. MDC testing will be addressed again during peak period conditions to determine actual MDC values. These changes result from Power Uprate and Steam Generator Replacement implementation during the recently completed refueling outage. The Year To Date (YTD) and Cumulative values contained in the November MOR for line item 16, Gross Thermal Energy Gen. (MWH) were reported in error. The YTD and Cumulative values shown below also apply to the September, October and November MOR's since the Harris Plant was offline from 09/22/01 through the end of December 2001.

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	128593.00
12. NUMBER OF HOURS REACTOR CRITICAL	7.53	6342.68	109270.90
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	.00	6335.10	108305.25
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	17378777.16	292098429.18
17. GROSS ELEC. ENERGY GEN (MWH)	.00	5750138.00	97146888.00
18. NET ELEC. ENERGY GENERATED (MWH)	-17930.00	5368496.00	90727477.00
19. UNIT SERVICE FACTOR	.00	72.32	84.22
20. UNIT AVAILABILITY FACTOR	.00	72.32	84.22
21. UNIT CAP. FACTOR (USING MDC NET)	-2.80	71.26	82.04
22. UNIT CAP. FACTOR (USING DER NET)	-2.68	68.09	78.39
23. UNIT FORCED OUTAGE RATE	.00	.00	2.72

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

Plant Refueling Outage number 10 began September 22, 2001 and ended January 03, 2002.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: Harris Plant was returned to service January 03, 2002.

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

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DOCKET NO. 050-400  
COMPLETED BY SHEILA ROGERS  
TELEPHONE (919) 362-2573

DECEMBER 2001

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-15	17	-27
2	-16	18	-26
3	-17	19	-26
4	-17	20	-25
5	-17	21	-27
6	-16	22	-31
7	-17	23	-36
8	-17	24	-34
9	-17	25	-34
10	-18	26	-29
11	-20	27	-20
12	-19	28	-18
13	-22	29	-29
14	-30	30	-35
15	-27	31	-38
16	-27		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 01/05/02  
 COMPLETED BY: S. G. Rogers  
 TELEPHONE: (919) 362-2573

REPORT MONTH: December 2002

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
01-003	09/22/01	S	744	C	4	NA	ZZ	ZZZZZZ	Harris Plant was taken off line for Refueling Outage 10 on 9/22/01. Refueling Outage 10 ended January 3, 2002.

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