



MAR 14 2002

Serial: HNP-02-032

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 February 2002 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. L. A. Reyes (NRC Regional Administrator, Region II)

IE24

CP&L CO.
RUN DATE 03/04/02
RUN TIME 08:53:40

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: FEBRUARY 02
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): 960.0
7. MAX DEPENDABLE CAPACITY (NET MWE): 900.0
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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	672.00	1416.00	130009.00
12. NUMBER OF HOURS REACTOR CRITICAL	672.00	1398.25	110669.15
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	672.00	1359.13	109664.38
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1887872.16	3776064.48	295874493.66
17. GROSS ELEC. ENERGY GEN (MWH)	644005.00	1282589.00	98429477.00
18. NET ELEC. ENERGY GENERATED (MWH)	605865.00	1202481.00	91929958.00
19. UNIT SERVICE FACTOR	100.00	95.98	84.35
20. UNIT AVAILABILITY FACTOR	100.00	95.98	84.35
21. UNIT CAP. FACTOR (USING MDC NET)	100.18	94.36	82.18
22. UNIT CAP. FACTOR (USING DER NET)	95.74	90.18	75.09
23. UNIT FORCED OUTAGE RATE	.00	.00	2.69

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	_____	_____

Enclosure to
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CP&L CO.
RUN DATE 03/04/02
RUN TIME 08:53:39

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

FEBRUARY 2002

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	903	17	937
2	404	18	939
3	541	19	937
4	929	20	929
5	936	21	935
6	938	22	936
7	943	23	938
8	937	24	938
9	934	25	935
10	930	26	928
11	935	27	939
12	936	28	940
13	937		
14	939		
15	936		
16	933		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 03/05/02
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH: February 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
02-001	02/01/02	S	0.0	A	5	NA	HH	PUMPXX	On 02/01/02 Harris Plant reduced power to approximately 50% to perform planned repairs to "B" Condensate Booster Pump. Repairs were made successfully and plant was returned to 100% power on 02/03/02.

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