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ROGERS,S. Carolina Power & Light Co.
ALEXANDER,D.B. Carolina Power & Light Co.,
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for ~~Jan 1999~~ for Shearon Harris Nuclear Power Plant.With 990211 ltr.

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CP&L

Carolina Power & Light Company
Harris Nuclear Plant
P.O. Box 165
New Hill NC 27562

FEB 11 1999

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

Serial: HNP-99-020

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 January 1999 is provided.

Sincerely,

D. B. Alexander

D. B. Alexander
Manager, Regulatory Affairs
Harris Plant

SGR

Enclosure

c: Mr. J. B. Brady - NRC Senior Resident Inspector
Mr. S. C. Flanders - NRC Project Manager
Mr. L. A. Reyes - NRC Regional Administrator

Enclosure to
Serial HNP-99-020
Sheet 1 of 3

CP&L CO.
RUN DATE 02/03/99
RUN TIME 11:37:33

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: JANUARY 99
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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	744.00	103033.00
12. NUMBER OF HOURS REACTOR CRITICAL	719.68	719.68	86945.29
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	700.43	700.43	86086.04
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1906265.16	1906265.16	231325989.12
17. GROSS ELEC. ENERGY GEN (MWH)	639389.00	639389.00	76983426.00
18. NET ELEC. ENERGY GENERATED (MWH)	598552.00	598552.00	71835424.00
19. UNIT SERVICE FACTOR	94.14	94.14	83.55
20. UNIT AVAILABILITY FACTOR	94.14	94.14	83.55
21. UNIT CAP. FACTOR (USING MDC NET)	93.55	93.55	81.07
22. UNIT CAP. FACTOR (USING DER NET)	89.39	89.39	77.47
23. UNIT FORCED OUTAGE RATE	5.86	5.86	3.12

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

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

Enclosure to
Serial: HNP-99-020
Sheet 2 of 3

CP&L CO.
RUN DATE 02/03/99
RUN TIME 11:37:32

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

JANUARY 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	883	17	859
2	858	18	861
3	857	19	872
4	884	20	871
5	884	21	870
6	881	22	866
7	880	23	834
8	880	24	867
9	875	25	876
10	883	26	878
11	880	27	873
12	877	28	871
13	874	29	876
14	318	30	880
15	-40	31	882
16	231		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
DATE: 01/31/99
COMPLETED BY: S. G. Rogers
TELEPHONE: (919) 362-2573

REPORT MONTH: January 1999

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
99-001	01/14/99	F	43.57	B	3	99-02	ED	RELAYX	Plant trip occurred 1/14/99 when workers were performing preventive maintenance on 'A' Auxiliary bus. Ramp-up began 1/16/99 @ 04:52 and the plant was returned to 100% power on 1/17/99 @ 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