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CRENSHAW, A. Carolina Power & Light Co.
RICHEY, R. B. Carolina Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1992 for Harris Unit 1.W/
920316 Ltr.

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NOTES: Application for permit renewal filed. 05000400

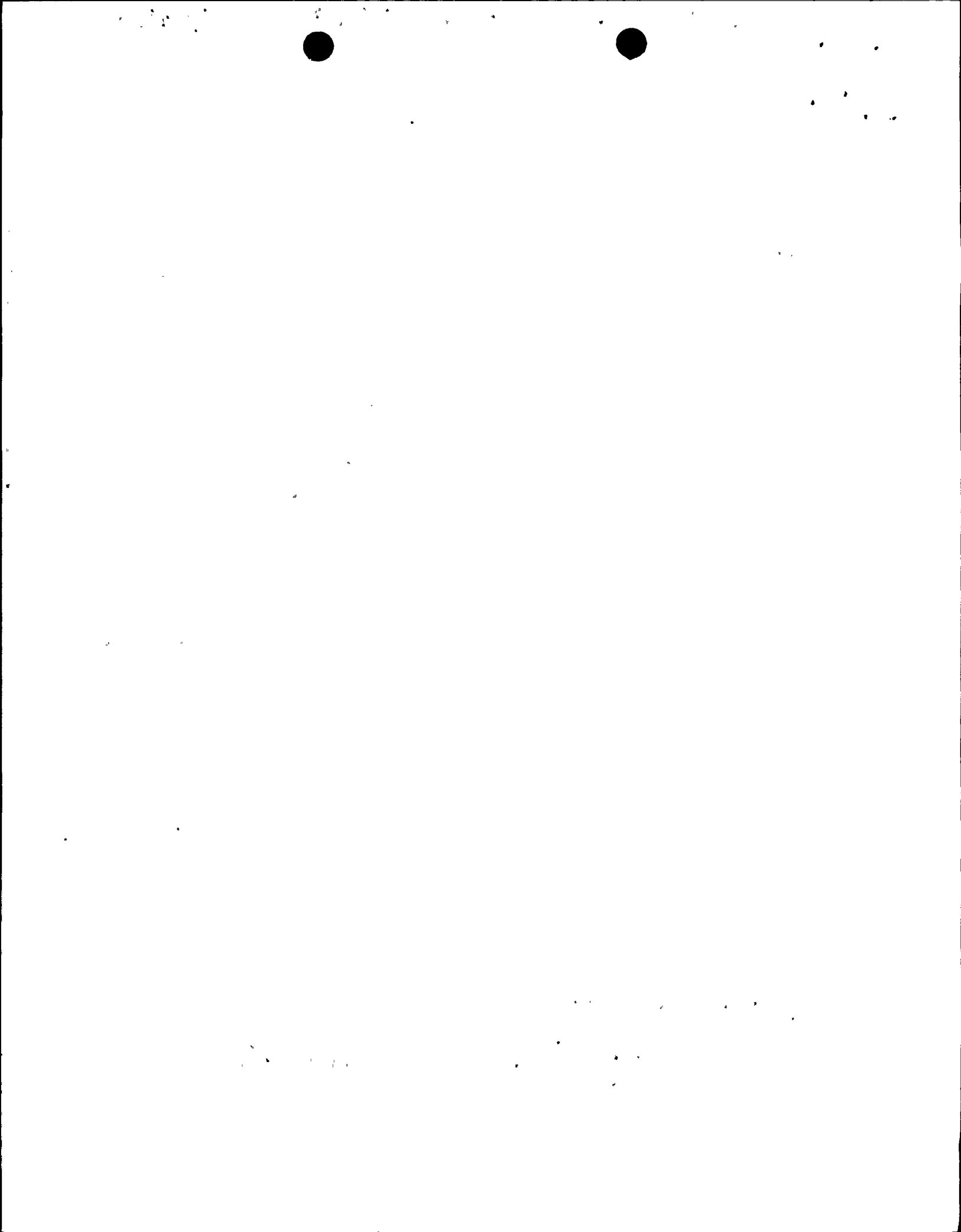
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CP&L

Carolina Power & Light Company

P. O. Box 165 • New Hill, N. C. 27562

R. B. RICHEY
Vice President
Harris Nuclear Project

MAR 16 1992

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United States Nuclear Regulatory Commission
Washington, DC 20555

HARRIS NUCLEAR PROJECT DEPARTMENT UNIT NO. 1
DOCKET NO. 50-400
LICENSE NO. NPF-63
MONTHLY OPERATIONS REPORT

Dear Sirs:

In accordance with Technical Specification 6.9.1.5 for the Harris Nuclear Power Plant, Unit No. 1, Carolina Power & Light Company herewith submits the report of operation statistics and shutdown experience for the month of February 1992.

Yours very truly,

C. S. Hinman for

R. B. Richey
Vice President
Harris Nuclear Project

APC:nrm

Enclosure

cc: Mr. S. D. Ebnetter (NRC-RII)
Mr. R. G. Oehl (DOE)
Mr. J. E. Tedrow (NRC-SHNPP)

9203190153 920229
PDR ADOCK 05000400
R PDR

MEM/DATAREP/1/OS4

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DOCKET NO.: 050-400
UNIT: Harris Unit 1
DATE: February 1992
COMPLETED BY: Amanda Crenshaw

OPERATIONS SUMMARY

Harris Unit 1 operated at 100.00 percent Availability Factor for the referenced month and a 100.48 percent Capacity Factor. There were two events. Details are provided on the Unit Shutdowns and Power Reduction Sheets.

There are 157 fuel assemblies in the reactor vessel, 731 spent fuel assemblies stored in the Spent Fuel Pools. 413 of the spent fuel assemblies are BWR and were shipped to Harris from CP&L's Brunswick Plant. 154 of the spent fuel assemblies are from CP&L's Robinson Plant.



2-24
3

DOCKET NO. 050-400
 COMPLETED BY AMANDA CRENSHAW
 TELEPHONE (919)362-2808

OPERATING STATUS

- | | NOTES |
|---|-------------------------|
| 1. UNIT NAME: HARRIS UNIT 1 | |
| 2. REPORTING PERIOD: FEBRUARY 92 | See Operations Summary. |
| 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: None. | |
| 9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): N/A | |
| 10. REASONS FOR RESTRICTION IF ANY: N/A | |

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	696.00	1440.00	42361.00
12. NUMBER OF HOURS REACTOR CRITICAL	696.00	1440.00	34428.00
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	696.00	1440.00	33994.10
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1897560.54	3950099.28	89926223.76
17. GROSS ELEC. ENERGY GEN. (MWH)	642024.00	1338288.00	29939651.00
18. NET ELEC. ENERGY GENERATED (MWH)	601459.00	1254104.00	27852767.00
19. UNIT SERVICE FACTOR	100.00	100.00	80.25
20. UNIT AVAILABILITY FACTOR	100.00	100.00	80.25
21. UNIT CAP. FACTOR (USING MDC NET)	100.48	101.27	76.45
22. UNIT CAP. FACTOR (USING DER NET)	96.02	96.77	73.06
23. UNIT FORCED OUTAGE RATE	.00	.00	3.69

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
 A decision was made to perform planned secondary maintenance with unit power reduced. During this time, a leak was discovered on an RTD Bypass Isolation Valve (IRC-22) and the unit went off-line for repairs on 3/7/92.
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 03/10/92
RUN TIME 13:45:53

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
HARRIS UNIT 1

PAGE 1
RPD39-000

DOCKET NO. 050-400
COMPLETED BY AMANDA CRENSHAW
TELEPHONE (919)362-2808

FEBRUARY 1992

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	881	17	880
2	883	18	880
3	880	19	875
4	873	20	881
5	879	21	879
6	881	22	880
7	864	23	878
8	655	24	878
9	847	25	881
10	879	26	885
11	878	27	885
12	875	28	881
13	880	29	726
14	876		
15	871		
16	872		

1.16 - 8

MEM/DATAREP/3/OS4



UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 03/06/92
 COMPLETED BY: A. P. Crenshaw
 TELEPHONE: (919) 362-2808

REPORT MONTH: February 1992

No.	Date	T ¹ y p e	Duration (Hours)	R ² e a s o n	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
92-002	920207	S	0.0	B	5	N/A	HA	Valve	Reduced load to 70% for turbine valve testing and for modifications on the heater drain pumps and preheater bypass valves. Unit returned to 100% on 2/9/92.

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

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 03/06/92
 COMPLETED BY: A. P. Crenshaw
 TELEPHONE: (919) 362-2808

REPORT MONTH: February 1992

No.	Date	T ¹ y p e	Duration (Hours)	R ² e a s o n	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
92-003	920229	F	0.0	B	5	N/A	CH	PUMPXX	Reduced load to 35% for repairs on the "A" Main Feed Pump, which was experiencing excessive pump shaft movement. Also made repairs on the "C" main transformer oil pump and added oil to the "A" and "B" Reactor Coolant Pumps. (Event ongoing)

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)

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 Method:
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