ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9210190271 DOC.DATE: ~~92/09/30~~ NOTARIZED: NO DOCKET #
FACIL:50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
AUTH.NAME AUTHOR AFFILIATION
CRENSHAW,A. Carolina Power & Light Co.
VAUGHN,G.E. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1992 for Harris Nuclear Power Plant Unit 1.W/921013 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 6
TITLE: Monthly Operating Report (per Tech Specs)

NOTES:Application for permit renewal filed. 05000400

	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL
	PD2-1 LA	3	3	PD2-1 PD	1	1
	LE,N	1	1			
INTERNAL:	ACRS	10	10	AEOD/DOA	1	1
	AEOD/DSP/TPAB	1	1	NRR/DLPQ/LPEB10	1	1
	NRR/DOEA/OEAB	1	1	REG FILE 01	1	1
	RGN2	1	1			
EXTERNAL:	EG&G BRYCE,J.H	1	1	NRC PDR	1	1
	NSIC	1	1			

R I D S / A D D S

R I D S / A D D S

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK. ROOM P1-37 (EXT. 504-2065) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 24 ENCL 24

MR

CP&L
Carolina Power & Light Company
P.O. Box 165 • New Hill, NC 27562

G. E. VAUGHN
Vice President
Harris Nuclear Project

OCT 1 3 1992

File Number: SHF/10-15505
Letter Number: HO-923029

Document Control Desk
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 September 1992.

Yours very truly,

G. E. Vaughn
Vice President
Harris Nuclear Project

APC:dac

Enclosure

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

MIS/DATAREP/1/OS4

IE24
1/1

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

OPERATIONS SUMMARY

Harris Unit 1 operated at 37.25 percent Availability Factor for the referenced month and a 33.78 percent Capacity Factor. There was one significant power reduction and one refueling outage in September. Details are provided on the Unit Shutdowns and Power Reduction Sheets.

There are 157 fuel assemblies in the reactor vessel, 759 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. 182 of the spent fuel assemblies are from CP&L's Robinson Plant. In addition to the spent fuel, 60 new fuel assemblies received from Westinghouse are in dry storage racks.

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

OPERATING STATUS

1. UNIT NAME: HARRIS UNIT 1
2. REPORTING PERIOD: SEPTEMBER 92
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

NOTES

See Operations Summary.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: N/A

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): 95%
10. REASONS FOR RESTRICTION IF ANY: Due to problems with Governor Valve #4, unit power was maintained at 95% until the plant entered Refueling Outage number 4. The governor valve will be repaired during the outage.

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	6575.00	47496.00
12. NUMBER OF HOURS REACTOR CRITICAL	268.22	5806.17	38794.17
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	268.22	5777.05	38331.15
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	698101.20	15539291.82	101515416.30
17. GROSS ELEC. ENERGY GEN. (MWH)	231540.00	5197085.00	33798448.00
18. NET ELEC. ENERGY GENERATED (MWH)	209177.00	4852892.00	31451555.00
19. UNIT SERVICE FACTOR	37.25	87.86	80.70
20. UNIT AVAILABILITY FACTOR	37.25	87.86	80.70
21. UNIT CAP. FACTOR (USING MDC NET)	33.78	85.82	77.00
22. UNIT CAP. FACTOR (USING DER NET)	32.28	82.01	73.58
23. UNIT FORCED OUTAGE RATE	.00	5.65	4.13

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling Outage number 4 began on September 12, 1992 and is scheduled for completion November 21, 1992.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 11-10 (Init. Crit.)
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

	FORECAST	ACHIEVED
INITIAL CRITICALITY	--------	--------
INITIAL ELECTRICITY	--------	--------
COMMERCIAL OPERATION	--------	--------

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

SEPTEMBER 1992

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	829	17	-13
2	827	18	-12
3	825	19	-11
4	825	20	-10
5	827	21	-11
6	828	22	-11
7	827	23	-12
8	801	24	-13
9	797	25	-13
10	796	26	-13
11	798	27	-12
12	16	28	-9
13	-33	29	-9
14	-28	30	-10
15	-30		
16	-31		

MIS\DATAREP\5\OS4

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
DATE: 10/06/92
COMPLETED BY: A. P. Crenshaw
TELEPHONE: (919) 362-2808

REPORT MONTH: September 1992

No.	Date	T[1] ype	Duration (Hours)	R[2] eason	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
92-016	920911	S	0.00	F	5	N/A	ZZ	ZZZZZ	Unit ramped down in preparation for refueling outage 4 which commenced on 9/12/92 at 04:13.

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

3

MIS\DATAREP\6\OS4

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
DATE: 10/06/92
COMPLETED BY: A. P. Crenshaw
TELEPHONE: (919) 362-2808

REPORT MONTH: September 1992

No.	Date	T[1] ype	Duration (Hours)	R[2] eason	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
92-017	920912	S	451.78	C	1	N/A	ZZ	ZZZZZ	Unit was shutdown for the scheduled cycle 5 refueling outage.

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