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 AUTH. NAME AUTHOR AFFILIATION
 GROOMS, J. Carolina Power & Light Co.
 CHAMBERS, R. H. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jul 1992 for HB Robinson Steam
 Electric Plant Unit 1. W/920811 ltr.

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Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT
POST OFFICE BOX 790
HARTSVILLE, SOUTH CAROLINA 29550

AUG 1 1 1992

Robinson File: 15505

Serial: RNP/92-2101

U. S. Nuclear Regulatory Commission
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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
MONTHLY OPERATIONS REPORT

Gentlemen:

In accordance with Technical Specification 6.9.1.4 for the H. B. Robinson Steam Electric Plant, Unit No. 2, Carolina Power and Light Company herewith submits the report of operation statistics and shutdown experience for the month of July, 1992.

Very truly yours,

R. H. Chambers
General Manager
H. B. Robinson S. E. Plant

AES:sgk

Enclosures

cc: Mr. S. D. Ebnetter
Mr. L. W. Garner

100000
9208180263 920731
PDR ADDCK 05000261
R PDR

DOCKET NO. 050-0261
 COMPLETED BY: JACKIE GROOMS
 TELEPHONE (803)383-4524

OPERATING STATUS

1. UNIT NAME: ROBINSON UNIT 2
2. REPORTING PERIOD: JULY 1992
3. LICENSED THERMAL POWER (MST): 2300
4. NAMEPLATE RATING (GROSS MWE): 739.0
5. DESIGN ELECTRICAL RATING (NET MWE): 700.0
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 700.0
7. MAX DEPENDABLE CAPACITY (NEW MWE): 683.0
8. IF CHANGES OCCUR IN CAPACITY RATING (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:
 N/A
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTION, IF ANY: NONE

NOTES: THERE ARE 252 ASSEMBLIES AND ONE (1) SKELETON ASSEMBLY WITH 100 FUEL RODS IN THE SPENT FUEL POOL. THERE ARE 56 ASSEMBLIES IN THE DRY FUEL STORAGE, AND 157 IN THE REACTOR VESSEL.

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	5111.00	187775.00
12. NUMBER OF HOURS REACTOR CRITICAL	682.93	2965.91	131355.17
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	681.50	2925.72	128446.92
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1521422.40	6479966.64	260353896.72
17. GROSS ELEC. ENERGY GEN. (MWH)	488983.00	2150301.00	84408538.00
18. NET ELEC. ENERGY GENERATED (MWH)	463858.00	2035514.00	79720451.00
19. UNIT SERVICE FACTOR	91.60	57.24	68.40
20. UNIT AVAILABILITY FACTOR	91.60	57.24	68.42
21. UNIT CAP. FACTOR (USING MDC NET)	91.28	58.31	63.72
22. UNIT CAP. FACTOR (USING DER NET)	89.07	56.89	60.65
23. UNIT CAP. FACTOR (USING DER NET)	8.40	2.09	14.67

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):
 INVESTIGATING A SPRING OUTAGE FOR POLAR CRANE REPAIRS. NO SCOPE, OR DURATION HAS BEEN DETERMINED.
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: N/A

UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	---	---
INITIAL ELECTRICITY	---	---
COMMERCIAL OPERATION	---	---

GP&L CO
RUN DATE: 08/05/92
RUN TIME: 08:33:18

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
ROBINSON UNIT 2

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DOCKET NO. 050-0261
COMPLETED BY: JACKIE GROOMS
TELEPHONE (803)383-4524

JULY 1992

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	707	17	684
2	712	18	707
3	711	19	705
4	710	20	705
5	709	21	706
6	706	22	707
7	706	23	707
8	707	24	707
9	633	25	704
10	-25	26	703
11	-25	27	703
12	206	28	702
13	586	29	699
14	578	30	701
15	580	31	702
16	580		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261

UNIT NAME H. B. ROBINSON

DATE 08-05-92

COMPLETED BY J. W. GROOMS

TELEPHONE (803)383-4524

REPORT MONTH JULY

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ²	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
07/01	07/09/92	F	---	A	1	LER-92-013	SF	PUMPXX	CAUSE OF EVENT - RAMP OFFLINE FROM FULL POWER PRIOR TO EXCEEDING 24 HR LCO ON "B" SI PUMP. CORRECTIVE ACTION - RETURN UNIT TO SERVICE AFTER COMPLETING INVESTIGATION & REPAIRS TO INOPERABLE "B" SI PUMP.
07/02	07/09/92	F	62.5	A	1	LER-92-013	SF	PUMPXX	CAUSE OF EVENT - UNIT OFFLINE FOR INVESTIGATION AND REPAIR TO INOPERABLE "B" SI PUMP (LOW RECIRC FLOW). CORRECTIVE ACTION - DETERMINE CAUSE OF LOW RECIRC FLOW FROM PUMP. CORRECT AND RETURN UNIT TO SERVICE.

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-Other (Explain)

⁴
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵ Exhibit 1 - Same Source

(9/77)

92-2101

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261

UNIT NAME H. B. ROBINSON

DATE 08/05/92

REPORT MONTH JULY

COMPLETED BY J. W. GROOMS

TELEPHONE (803)383-4524

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ²	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
07/03	07/12/92	S		A	1	---	SF	PUMPXX	CAUSE OF EVENT - RAMP UP TO FULL POWER AFTER "B" SI PUMP FORCED OUTAGE.
07/04	07/12/92	F		A	1	---	CH	HEATER	CAUSE OF EVENT - FORCED PARTIAL EVENT DUE TO 6A FEEDWATER HEATER TUBE LEAK. CORRECTIVE ACTION - REPAIR LEAKING TUBES ON 6A FW HEATER THEN RAMP UNIT BACK TO FULL POWER.

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-Other (Explain)

4

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit 1 - Same Source

(9/77)

92-2101