

OPERATING DATA REPORT

DOCKET NO. 050-0261  
DATE 03/08/85  
COMPLETED BY A. E. SCOTT  
TELEPHONE (803)383-4524

OPERATING STATUS

- |   | NOTES |
|---|-------|
| 1. UNIT NAME: ROBINSON UNIT 2   |       |
| 2. REPORTING PERIOD: FEBRUARY 85  |       |
| 3. LICENSED THERMAL POWER (MWT): 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 (NET MWE): 665.0   |       |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: |       |

There are presently 222 Fuel Assemblies in the Spent Fuel Pool.

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): None  
10. REASONS FOR RESTRICTION IF ANY: None

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	672.00	1416.00	122646.00
12. NUMBER OF HOURS REACTOR CRITICAL	421.65	653.85	84851.15
13. REACTOR RESERVE SHUTDOWN HRS	250.35	735.47	2672.54
14. HOURS GENERATOR ON LINE	413.37	551.97	82617.92
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	797932.56	937533.36	163812767.52
17. GROSS ELEC. ENERGY GEN. (MWH)	261158.00	304406.00	52649282.00
18. NET ELEC. ENERGY GENERATED (MWH)	245904.00	277987.00	49687648.00
19. UNIT SERVICE FACTOR	61.51	38.98	67.36
20. UNIT AVAILABILITY FACTOR	61.51	38.98	67.38
21. UNIT CAP. FACTOR (USING MDC NET)	55.03	29.52	60.92
22. UNIT CAP. FACTOR (USING DER NET)	52.28	28.05	57.88
23. UNIT FORCED OUTAGE RATE	38.49	54.32	15.65
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
None			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 03/01/85  
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

APPENDIX B  
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0261  
UNIT ROBINSON UNIT 2  
DATE 03/01/85  
COMPLETED BY A. E. SCOTT  
TELEPHONE (803)383-4524

FEBRUARY 1985

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-4	17	648
2	-4	18	692
3	-4	19	650
4	-4	20	631
5	-4	21	709
6	-4	22	728
7	-4	23	721
8	-11	24	603
9	-21	25	739
10	82	26	738
11	357	27	539
12	362	28	-25
13	508		
14	529		
15	531		
16	564		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. 050-0261  
 UNIT NAME H. B. Robinson  
 DATE 850301  
 COMPLETED BY A. E. Scott  
 TELEPHONE 803-383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
0201	850116	F	228.53	H	1	85-06	SH	SUPORT	Unit removed from line due to seismic restraint repairs. Re-analysis of restraint performed to ensure that appropriate safety factors are maintained. Unit returned on line 02-10-85.
0202	850219	F	--	H	4	-----	CH	PUMPXX	Unit was at 100% power when heater drain pumps tripped due to low heater drain tank level while removing level control valve at discharge of heater drain pump from service. Low level was due to drain tank level control valve to the condenser being stuck shut, thereby permitting drain tank level to rise. The valve was freed causing a rapid drop in level, thus causing the pumps

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

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

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)

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0202	850219	F	----	H	4	----	CH	PUMPXX	to trip. Unit load was decreased to 85% power to compensate. Level control valves were subsequently returned to normal problem free operation. Return to full load was delayed due to the transient causing secondary chemistry problems. Condensate polisher demineralizers were regenerated allowing cleanup of the secondary water. Unit returned to full load.
0203	850227	F	30.10	A	3	85-09	EA	TRANSF	"C" main transformer lightning arrester failure resulted in a loss of a phase/generator lockout, which caused a reactor trip. "C" main transformer lightning arrester was repaired.

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0204	850223	S	--	B	4	----	ZZ	TURBIN	Unit load reduced to 65% reactor power to perform bi-weekly turbine valve test. Upon completion of test the unit returned to full load.

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Carolina Power & Light Company

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

MAR 8 1985

Robinson File : 15505

Serial: RSEP/85-525

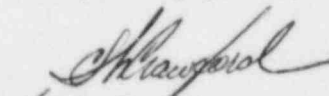
Mr. James M. Taylor, Director  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

ROBINSON NUCLEAR PROJECT DEPARTMENT UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
MONTHLY OPERATIONS REPORT

Dear Mr. Taylor:

In accordance with Technical Specifications 6.9.1.c for the H. B. Robinson Steam Electric Plant, Unit No. 2, Carolina Power & Light Company herewith submits the report of operation statistics and shutdown experience for the month of February 1985.

Very truly yours,

  
R. E. Morgan  
General Manager  
H. B. Robinson SEG Plant

AES:sr/C-240

Enclosure

cc: R. A. Hartfield (2)  
J. N. Grace (1)

IE24  
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