



Carolina Power & Light Company

January 14, 1975

50-261

7/27

File: NC-3513 (R)

Serial: NC-75-047

Mr. Donald Knuth, Director  
Directorate of Regulatory Operations  
U. S. Atomic Energy Commission  
Office of Regulation  
Washington, D. C. 20545

Dear Mr. Knuth:

H. B. ROBINSON UNIT NO. 2  
LICENSE DPR-23

1  
39  
x 2  
78  
3 1/2  
109

MONTHLY OPERATING DATA REPORTS

Enclosed please find the H. B. Robinson Unit No. 2 Monthly Operating Data Reports as required by your letter of February 19, 1974. This report is for the month of December, 1974.

Yours very truly,

E. E. Utley  
Vice-President  
Bulk Power Supply

JLM:DEW:mvp



Mr. E. E. Bassac

UNIT NAME H. B. ROBINSON UNIT NO. 2

DATE 1-3-75

COMPLETED BY M. L. Watford

OPERATING STATUS

1. REPORTING PERIOD: 0000,741201 TO 2400,741231

GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2200 Max. Dependable Capacity (MWe-Net) 665

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None

4. REASONS FOR RESTRICTIONS (IF ANY): None

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL. . . . .	<u>744</u>	<u>7,421.52</u>	<u>25,491.43</u>
6. REACTOR RESERVE SHUTDOWN HOURS. . . . .	<u>0</u>	<u>131.28</u>	<u>131.28</u>
7. HOURS GENERATOR ON-LINE . . . . .	<u>744</u>	<u>7,297.82</u>	<u>24,927.61</u>
8. UNIT RESERVE SHUTDOWN HOURS . . . . .	<u>-</u>	<u>-</u>	<u>-</u>
9. GROSS THERMAL POWER GENERATED (MWH) . . . . .	<u>1,625,232</u>	<u>15,551,554</u>	<u>50,532,780</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH). <u>544,950</u>	<u>544,950</u>	<u>5,064,223</u>	<u>16,499,434</u>
11. NET ELECTRICAL POWER GENERATED (MWH). <u>520,279</u>	<u>520,279</u>	<u>4,813,207</u>	<u>15,644,728</u>
12. REACTOR AVAILABILITY FACTOR (1) . . . . .	<u>100.00</u>	<u>84.72</u>	<u>75.96</u>
13. PLANT AVAILABILITY FACTOR (2) . . . . .	<u>100.00</u>	<u>83.31</u>	<u>74.28</u>
14. PLANT CAPACITY FACTOR (3) . . . . .	<u>105.15</u>	<u>82.62</u>	<u>70.11</u>
15. FORCED OUTAGE RATE (4) . . . . .	<u>0</u>	<u>1.99</u>	<u>18.67</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): <u>None</u>			

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On line

(1) REACTOR AVAILABILITY FACTOR=HOURS REACTOR WAS CRITICAL X 100  
GROSS HOURS IN REPORTING PERIOD

(2) PLANT AVAILABILITY FACTOR=HOURS GENERATOR ON LINE X 100  
GROSS HOURS IN REPORTING PERIOD

(3) PLANT CAPACITY FACTOR=

ACTUAL NET ELECTRICAL OUTPUT (MWe-Net) X 100  
MAXIMUM DEPENDABLE CAPACITY (MWe-Net) X GROSS HOURS IN REPORTING PERIOD

(4) FORCED OUTAGE RATE=FORCED OUTAGE HOURS X 100  
HOURS GENERATOR ON LINE + FORCED OUTAGE HOURS

DATE 1-3-75

COMPLETED BY M. L. Watford

DAILY PLANT POWER OUTPUTMONTH December, 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	687*	25	700*
2	701*	26	705*
3	703*	27	704*
4	704*	28	703*
5	704*	29	685*
6	704*	30	704*
7	704*	31	701*
8	634		
9	705*		
10	705*		
11	706*		
12	704*		
13	703*		
14	703*		
15	693*		
16	704*		
17	704*		
18	704*		
19	695*		
20	705*		
21	706*		
22	689*		
23	704*		
24	705*		

\*NOTE: Impoundment temperature reduced during winter months resulting in increased power level above MDC.

**SUMMARY:** The Unit was on the line 744 hours during the month with a plant capacity factor of 105.15%.

UNIT NAME H. B. Robinson Unit No. 2

DATE 1-3-75

COMPLETED BY M. L. Watford

REPORT MONTH December, 1974

**PLANT SHUTDOWNS**

No.	DATE	TYPE P-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS

- (1) REASON:  
A-EQUIPMENT FAILURE (EXPLAIN)  
B-MAINT. OR TEST  
C-REFUELING  
D-REGULATORY RESTRICTION  
E-OPERATOR TRAINING AND  
LICENSE EXAMINATION  
F-ADMINISTRATIVE  
G-OPERATIONAL ERROR  
(EXPLAIN)
- (2) METHOD:  
A-MANUAL  
B-MANUAL SCRAM  
C-AUTOMATIC SCRAM

RECEIVED

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U.S. ATOMIC ENERGY COMM.  
DIVISION OF COMPLIANCE