

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
MONTHLY REPORT

TO:

MR. ERNST VOLGENAN

FROM:

CAROLINA POWER & LIGHT COMPANY
RALEIGH, NORTH CAROLINA
H. R. BANKS

DATE OF DOCUMENT

6/10/76

DATE RECEIVED

6/14/76

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DESCRIPTION

LETTER TRANS THE FOLLOWING:

ENCLOSURE

MONTHLY REPORT FOR MAY/76PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME:

H. B. ROBINSON #2

(1-P)

(3-P)

SAFETY

FOR ACTION/INFORMATION

ENVIRO

6/15/76

RJL

MIPC

☒ W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

☒ REG FILE☒ NRC PDR☒ MCDONALD☒ S. CHAPMAN☒ BRANCH CHIEF(L)☒ LIC. ASST. (L)

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☒ LEADR: HARTVILLE, S.C.☒ TIC☒ NSIC

6038

Carolina Power & Light Company

June 10, 1976

FILE: NG-3513 (R)

SERIAL: NG-76-822

Mr. Ernst Volgenan, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Volgenan:

H. B. ROBINSON UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
MONTHLY OPERATING DATA REPORTS

Enclosed please find the H. B. Robinson Unit No. 2 Operating Data Report. This report is for the month of May, 1976.

Yours very truly,

H. R. Banks

H. R. Banks
Manager
Nuclear Generation

CSB:bb

Enclosure

cc: Messrs. W. G. McDonald
N. C. Moseley

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APPENDIX C

DOCKET NO. DPR-23UNIT HBR 2DATE 6-3-76COMPLETED BY M. L. Watford
803-332-1351

AVERAGE DAILY UNIT POWER LEVEL

MONTH May 1976DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

1	0
2	113
3	673
4	683
5	654
6	683
7	683
8	683
9	667
10	680
11	682
12	683
13	684
14	685
15	369
16	582

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

17	673
18	661
19	664
20	665
21	667
22	667
23	477
24	627
25	439
26	464
27	481
28	480
29	662
30	676
31	676

Daily Power Level may exceed 100%
Capacity due to Impoundment Temp.

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

APPENDIX D

UNIT H. B. Robinson No. 2DATE 6-3-76COMPLETED BY M. L. WatfordDOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 760501,0000 THROUGH 760531,2400
 HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWh) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None.

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>697.52</u>	<u>3474.40</u>	<u>35491.90</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>46.48</u>	<u>49.96</u>	<u>279.45</u>
7. HOURS GENERATOR ON LINE	<u>686.88</u>	<u>3453.12</u>	<u>34752.12</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1425336</u>	<u>7409477</u>	<u>71530918</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>460207</u>	<u>2438968</u>	<u>23334892</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>436418</u>	<u>2322687</u>	<u>22138189</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>93.75</u>	<u>95.27</u>	<u>77.22</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>92.32</u>	<u>94.63</u>	<u>75.61</u>
14. UNIT CAPACITY FACTOR (3)	<u>88.21</u>	<u>95.77</u>	<u>72.43</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>7.68</u>	<u>5.32</u>	<u>16.41</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>October, 6 weeks, Refueling</u>			
17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>On Line</u>			
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:			

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

- (1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{HOURS IN REPORTING PERIOD}} \times 100$
- (2) UNIT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON LINE}}{\text{HOURS IN REPORTING PERIOD}} \times 100$
- (3) UNIT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET) X HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE + FORCED OUTAGE HOURS}} \times 100$

APPENDIX E
UNIT SHUTDOWNS

DOCKET NO. DPR-23
UNIT NAME H. B. Robinson No. 2
DATE 6-3-76
COMPLETED BY M. L. Watford

REPORT MONTH May 1976

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
	5-1-76	F	38.60	B	1	Repair Feedwater Heater Tubes
	5-1-76	S	0	E	1	
	5-1-76	S	0	E	1	
	5-1-76	S	0	E	1	
	5-2-76	S	0	E	1	
	5-2-76	S	0	E	1	
	5-2-76	S	0	E	1	
	5-2-76	S	0	E	1	
	5-15-76	F	12.65	A	3	Generator Differential caused Generator Lockout Performing PT 15.2, Valves 1RL, 2RL, and 1RR went shut, causing unstable condition throughout secondary.
	5-23-76	F	5.87	A	2	

(1) REASON (2) METHOD

A EQUIPMENT FAILURE (EXPLAIN)	1 MANUAL
B MAINT. OR TEST	2 MANUAL
C REFUELING	SCRAM
D REGULATORY RESTRICTION	3 AUTOMATIC
E OPERATOR TRAINING AND LICENSE EXAMINATION	SCRAM
F ADMINISTRATIVE	
G OPERATIONAL ERROR (EXPLAIN)	
H OTHER (EXPLAIN)	

SUMMARY:

1.16-E-1