

50-261

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MONTHLY REPORT

TO: E. Volgenan

FROM: Carolina Power & Light Co.
Raleigh- N.C.
H.R. Banks

DATE OF DOCUMENT

7-9-76

DATE RECEIVED

7-12-76

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DESCRIPTION

LETTER TRANS THE FOLLOWING:

PLANT NAME: H.B. Robinson # 2

ENCLOSURE

MONTHLY REPORT FOR June 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

ACKNOWLEDGED

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SAFETY

FOR ACTION/INFORMATION

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6937



Carolina Power & Light Company

July 9, 1976

Regulatory

File CPT

File: NG-3513 (R)

Serial: NG-76-946

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 June, 1976.

Yours very truly,

H. R. Banks
Manager
Nuclear Generation

CSB:mvp
Enclosure

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



6937

APPENDIX C

DOCKET NO. DPR-23UNIT H.B. Robinson 2DATE M.L. Watford

COMPLETED BY _____

AVERAGE DAILY UNIT POWER LEVEL

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

1	<u>675</u>
2	<u>671</u>
3	<u>671</u>
4	<u>671</u>
5	<u>675</u>
6	<u>660</u>
7	<u>674</u>
8	<u>669</u>
9	<u>669</u>
10	<u>671</u>
11	<u>670</u>
12	<u>667</u>
13	<u>653</u>
14	<u>623</u>
15	<u>664</u>
16	<u>664</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

17	<u>663</u>
18	<u>663</u>
19	<u>664</u>
20	<u>649</u>
21	<u>664</u>
22	<u>663</u>
23	<u>663</u>
24	<u>662</u>
25	<u>663</u>
26	<u>663</u>
27	<u>651</u>
28	<u>659</u>
29	<u>659</u>
30	<u>660</u>
31	<u>-</u>

*Daily average power level May
exceed 100% due to impoundment
temperature.

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 2
 DATE 7-2-76
 COMPLETED BY M.L. Watford
 DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 760601,0000 THROUGH 760630,2400
 HOURS IN REPORTING PERIOD: 720
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>720</u>	<u>4,194.40</u>	<u>36,211.90</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>49.96</u>	<u>279.45</u>
7. HOURS GENERATOR ON LINE	<u>720</u>	<u>4,173.12</u>	<u>35,472.12</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,574,390</u>	<u>8,983,867</u>	<u>73,105,308</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>501,534</u>	<u>2,940,502</u>	<u>23,836,426</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>477,490</u>	<u>2,800,177</u>	<u>22,615,679</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>100</u>	<u>96.05</u>	<u>77.57</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>100</u>	<u>95.56</u>	<u>75.98</u>
14. UNIT CAPACITY FACTOR (3)	<u>99.73</u>	<u>96.42</u>	<u>72.85</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>0</u>	<u>4.44</u>	<u>16.13</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>July, 2 days, NRC Exam; 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	_____	_____
INITIAL ELECTRICAL POWER GENERATION	_____	_____
COMMERCIAL OPERATION	_____	_____

- (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 = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET)} \times \text{HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$

APPENDIX E UNIT SHUTDOWNS

DOCKET NO. DPR-23

UNIT NAME H.B. Robinson 2

DATE 7-2-76

COMPLETED BY M.L. Watford

REPORT MONTH June 1976

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
None						

- | | |
|---|-------------|
| (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: The unit was on the line the entire month.
No reactor trips were experienced, although
several short run-backs did take place.

1.16-E-1