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FILE: MONTHLY REPORT FILE

FROM: Carolina Power & Light Co. Raleigh, N. C. E.E. Utley			DATE OF DOC 1-9-76	DATE REC'D 1-15-76	LTR XXX	TWX	RPT	OTHER
TO: Donald Knuth			ORIG 3 Signed	CC	OTHER	SENT AEC PDR <u>XXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-261		

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

Monthly Report for December 1975
Plant & Component Operability & Availability
This Report to be used in preparing Gray Book
by Plans & Operations.

NUMBER OF COPIES REC'D: 3

PLANT NAME: H.B. Robinson

DO NOT REMOVE
FOR ACTION/INFORMATION

ACKNOWLEDGED

VCR 1-15-76

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Carolina Power & Light Company

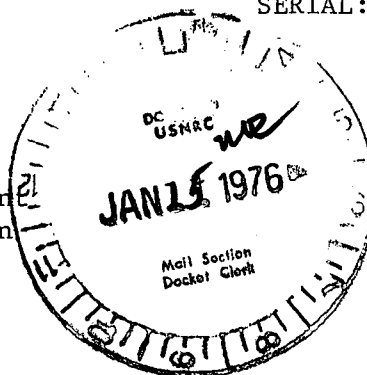
January 9, 1976

REGULATORY DOCKET FILE COPY

FILE: NG-3513 (R)

SERIAL: NG-76-023

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



Dear Mr. Knuth:

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

Enclosed please find the H. B. Robinson Unit No. 2 Operating
Data Report. This report is for the month of December, 1975.

Yours very truly,

E. E. Utley
Vice-President
Bulk Power Supply

CSB:lk

Enclosure

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

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APPENDIX D

UNIT H. B. Robinson

DATE 1-5-76

COMPLETED BY M. L. Watford

DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 0000, 751201 THROUGH 2400, 751231
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>581.45</u>	<u>6526.07</u>	<u>32017.50</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>2.35</u>	<u>48.21</u>	<u>229.49</u>
7. HOURS GENERATOR ON LINE	<u>470.78</u>	<u>6371.39</u>	<u>31299.00</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>848,285</u>	<u>13,588,661</u>	<u>64,121,441</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>270,792</u>	<u>4,396,490</u>	<u>20,895,924</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>251,259</u>	<u>4,170,774</u>	<u>19,815,502</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>78.15</u>	<u>74.50</u>	<u>75.66</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>63.28</u>	<u>72.73</u>	<u>73.96</u>
14. UNIT CAPACITY FACTOR (3)	<u>50.78</u>	<u>71.60</u>	<u>70.41</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>6.36</u>	<u>12.44</u>	<u>17.48</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>None</u>			

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On line
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 = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET) X HOURS IN REPORTING PERIOD}}$
- (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 2
DATE January 5, 1976
COMPLETED BY M. L. Watford

REPORT MONTH December, 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
1		S	241.23	C	1	This outage is a continuation of the October 31 shutdown reported in October and November.
2	12/17	F	16.8	A	3	Low SG #3 level with steam flow greater than feedwater flow caused by low hot-well level switch failure resulting in tripping "A" condensate and "A" feed-water pumps
3	12/28	F	15.19	A	1	Turbine right stop valve would not open after valve test.

(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 off the line the first part of the month due to a refueling outage and testing. The unit was on the line for 470.78 hours and experienced two shutdowns due to equipment failure.

1.16E-1

APPENDIX C

DOCKET NO. DPR-23

UNIT H.B. Robinson

DATE 1-5-76

COMPLETED BY M. L. Watford

AVERAGE DAILY UNIT POWER LEVEL

MONTH December, 1975

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>0</u>	17	<u>456</u>
2	<u>0</u>	18	<u>223</u>
3	<u>0</u>	19	<u>599</u>
4	<u>0</u>	20	<u>629</u>
5	<u>0</u>	21	<u>502</u>
6	<u>0</u>	22	<u>643</u>
7	<u>0</u>	23	<u>652</u>
8	<u>0</u>	24	<u>683</u>
9	<u>0</u>	25	<u>703</u>
10	<u>0</u>	26	<u>690</u>
11	<u>119</u>	27	<u>687</u>
12	<u>149</u>	28	<u>214</u>
13	<u>345</u>	29	<u>580</u>
14	<u>414</u>	30	<u>696</u>
15	<u>477</u>	31	<u>701</u>
16	<u>475</u>		

*Average daily power level may exceed max. Dependable Capacity 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.