

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 8830

FILE: MONTHLY REPORT FILE

FROM: Carolina Power & Light Co. Raleigh N.C. E.E. Utley			DATE OF DOC 8-14-75	DATE REC'D 8-19-75	LTR	TWX	RPT XXX	OTHER
TO: NRC			ORIG 1 Signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-261		

## DESCRIPTION:

Ltr trans the following:

## ENCLOSURES:

Monthly Report for 7-75  
Plant & Component Operability & Availability  
This Report to be used in preparing Gray Book  
by Plans & Operations.

NUMBER OF COPIES REC'D: 1

PLANT NAME: H.B. Robinson # 2

## FOR ACTION/INFORMATION

SAB 8-20-75

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## INTERNAL DISTRIBUTION

<del>REG FILE</del> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) STEELE	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER  ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. RUSHBROCK (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L) M. DUNCAN (E)	A/T IND BRAITMAN SALTZMAN MELTZ  PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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## EXTERNAL DISTRIBUTION

1 - LOCAL PDR Hartville, S.C.	1 - NATIONAL LABS	1 - PDR-SAN/LA/NY
1 - TIC (ABERNATHY) (1)(2)(10)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
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1 - ASLB	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT

*9/8/75*



Regulatory

Carolina Power & Light Company

August 14, 1975

File Cy:

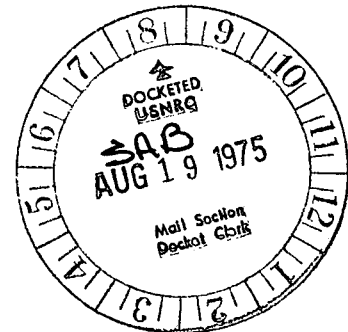


File: NG-3513 (R)

Serial: NG-75-1277

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  
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 July 1975.

Yours very truly,

E. E. Utley  
Vice-President  
Bulk Power Supply

CSB:mc

Enclosure

cc: Messrs. N. B. Bessac  
J. L. Harness  
P. W. Howe  
R. E. Jones  
J. B. McGirt  
N. C. Moseley  
D. B. Waters

# APPENDIX D

UNIT H. B. Robinson

DATE 8/6/75

COMPLETED BY M. L. Watford

DOCKET NO. DPR-23

## OPERATING STATUS

1. REPORTING PERIOD: 0000,750701 THROUGH 2400,0731  
HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth) 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	678.71	3,771.86	29,263.29
6. REACTOR RESERVE SHUTDOWN HOURS	0	81.8	213.08
7. HOURS GENERATOR ON LINE	676.64	3,740.03	28,667.64
8. UNIT RESERVE SHUTDOWN HOURS	-	-	-
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,476,710	8,059,287	58,592,067
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	472,300	2,634,085	19,133,519
11. NET ELECTRICAL ENERGY GENERATED (MWH)	448,581	2,500,200	18,144,928
12. REACTOR AVAILABILITY FACTOR (1)	91.22	74.15	75.72
13. UNIT AVAILABILITY FACTOR (2)	90.95	73.52	74.18
14. UNIT CAPACITY FACTOR (3)	90.67	73.91	70.61
15. UNIT FORCED OUTAGE RATE (4)	9.05	18.08	18.60
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>Refueling Outage, November, 4 weeks</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 =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET) X HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE + FORCED OUTAGE HOURS}} \times 100$

# APPENDIX C

DOCKET NO. DPR-23

UNIT H. B. Robinson Two

DATE 8/6/75

COMPLETED BY M. L. Watford

## AVERAGE DAILY UNIT POWER LEVEL

MONTH July, 1975

DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

1	<u>667</u>
2	<u>667</u>
3	<u>670</u>
4	<u>671</u>
5	<u>668</u>
6	<u>657</u>
7	<u>670</u>
8	<u>670</u>
9	<u>671</u>
10	<u>670</u>
11	<u>401</u>
12	<u>0</u>
13	<u>0</u>
14	<u>292</u>
15	<u>664</u>
16	<u>667</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

17	<u>671</u>
18	<u>675</u>
19	<u>676</u>
20	<u>661</u>
21	<u>675</u>
22	<u>676</u>
23	<u>674</u>
24	<u>674</u>
25	<u>671</u>
26	<u>667</u>
27	<u>643</u>
28	<u>665</u>
29	<u>662</u>
30	<u>664</u>
31	<u>662</u>

Average Daily MWe - net may exceed 665 -  
MWe - net 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 E  
UNIT SHUTDOWNS**

DOCKET NO. DPR-23  
 UNIT NAME H. B. Robinson Two  
 DATE 8/6/75  
 COMPLETED BY M. L. Watford

REPORT MONTH July, 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
1	7/11/75	F	67.36	A	1	Control Rod L-5 Failure

(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