

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

CONTROL NO: 13043

FILE: MONTHLY REPORT FILE

FROM: Carolina Power & Light Co. Raleigh, N.C. 27602 N.B. Bessac			DATE OF DOC 11-12-75	DATE REC'D 11-14-75	LTR XX	TWX	RPT	OTHER
TO: Mr. Donald Knuth			ORIG 1 signed	CC 9	OTHER	SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 10		DOCKET NO: 50-261		

## DESCRIPTION:

Ltr trans the following:

## ENCLOSURES:

Monthly Report for Oct. 1975

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

NUMBER OF COPIES REC'D: 10

PLANT NAME: H.B. Robinson Unit 2

ACKNOWLEDGED

## FOR ACTION/INFORMATION

DHL 11-14-75

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## INTERNAL DISTRIBUTION

<u>REG FILE</u> 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. RUSTBROOK (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 - TIC (ABERNATHY) (1)(2)(10) - NATIONAL LABS  
1 - NSIC (BUCHANAN) 1 - W. PENNINGTON, Rm E-201 GT  
1 - ASLB 1 - CONSULTANTS  
1 - Newton Anderson  
- ACRS HOLDING/SENT  
NEWMARK/BLUME/AGBABIAN

1 - PDR-SAN/LA/NY  
1 - BROOKHAVEN NAT LAB  
1 - G. ULRIKSON, ORNL  
1 - AGMED (RUTH GUSSMAN)  
Rm B-127 GT  
1 - J. D. RUNKLES, Rm E-201  
GT



Carolina Power & Light Company

Regulatory Docket File

November 12, 1975

FILE: NG-3513 (R)

50-261

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 October, 1975.

Yours very truly,

N. B. Bessac

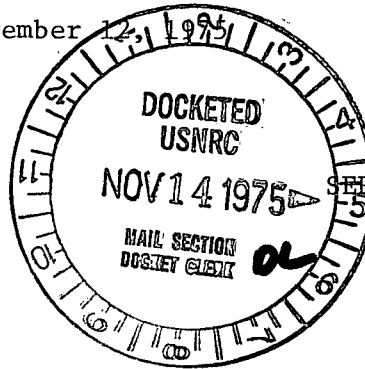
Manager

Nuclear Generation

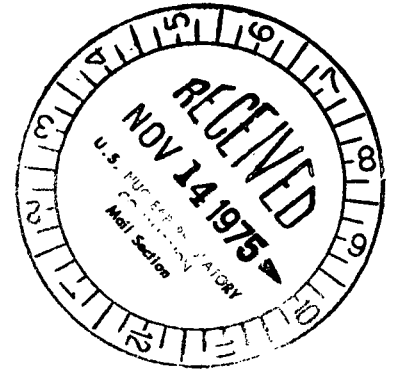
CSB:cs

Enclosure

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



SERIAL: NG-75-2009



13043

## APPENDIX C

Regulatory Docket File

Received w/Ltr Dated 11-12-75DOCKET NO. DPR-23UNIT H. B. Robinson 2DATE 11-2-75COMPLETED BY M. L. Watford

## AVERAGE DAILY UNIT POWER LEVEL

MONTH October, 1975DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

1	674
2	672
3	676
4	679
5	654
6	680
7	679
8	680
9	677
10	675
11	678
12	663
13	673
14	675
15	674
16	673

DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

17	673
18	590
19	42
20	662
21	672
22	677
23	675
24	675
25	678
26	677
27	676
28	678
29	677
30	679
31	620

\*Average daily unit power level  
(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 D

UNIT H. B. Robinson 2

DATE 11-2-75

COMPLETED BY M. L. Watford

DOCKET NO. DPR-23

## OPERATING STATUS

1. REPORTING PERIOD: 0000,751001 THROUGH 2400,751031  
HOURS IN REPORTING PERIOD: 745
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	732.55	5,944.62	31,436.05
6. REACTOR RESERVE SHUTDOWN HOURS	20.75	104.79	236.07
7. HOURS GENERATOR ON LINE	723.57	5,900.61	30,828.22
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,570,272	12,740,376	63,273,156
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	507,963	4,125,698	20,625,132
11. NET ELECTRICAL ENERGY GENERATED (MWH)	483,823	3,919,515	19,564,243
12. REACTOR AVAILABILITY FACTOR (1)	98.33	81.48	76.94
13. UNIT AVAILABILITY FACTOR (2)	97.12	80.87	75.46
14. UNIT CAPACITY FACTOR (3)	97.66	80.78	72.01
15. UNIT FORCED OUTAGE RATE (4)	2.79	12.89	17.63
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>Refueling - November - Four weeks</u>			
17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>December, 1975</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 E UNIT SHUTDOWNS

DOCKET NO. DPR-23  
UNIT NAME H. B. Robinson 2  
DATE 11-2-75

COMPLETED BY M. L. Watford

REPORT MONTH October, 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
1	10-18	F	20.75	A	2	Loss of Instrument Buses 3 & 8 due to "B" inverter transformer failure
2	10-31	S	.68	C	1	

(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)  
H-OTHER (EXPLAIN)

(2) METHOD  
1- MANUAL  
2 -MANUAL  
SCRAM  
3 -AUTOMATIC  
SCRAM

## SUMMARY:

The unit was on the line 723.57 hours during the month with one trip and one manual shutdown. The unit is now experiencing a refueling outage.

1.16-E-1