

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

CONTROL NO: 1949

FILE: MON.REPT. FILE.P/O

<b>FROM:</b> Carolina Power & Light Company Raleigh, N. C. 27602 E. E. Utley		<b>DATE OF DOC</b>  3-6-74	<b>DATE REC'D</b>  3-8-74	<b>LTR</b>  X	<b>MEMO</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b>  Mr. O'Leary		<b>ORIG</b>  3 signed	<b>CC</b>	<b>OTHER</b>	SENT AEC PDR X SENT LOCAL PDR X		
<b>CLASS</b>	<b>UNCLASS</b>  XXXXXX	<b>PROP INFO</b>	<b>INPUT</b>	<b>NO CYS REC'D</b>  40	<b>DOCKET NO:</b>  50-261		
<b>DESCRIPTION:</b> Ltr re our 2-19-74 ltr.....trans the following:				<b>ENCLOSURES:</b> January Monthly Report, "Plant & Component Operability & availability".....This report to be use for preparing Grey Book by Plans & Operations.  ( 40 cys rec'd)			
<b>PLANT NAME:</b> H. B. Robinson Unit # 2							

FOR ACTION/INFORMATION

3-9-74

AB

BUTLER(L) W/ Copies	SCHWENCER(L) W/ Copies	ZIEMANN(L) W/ Copies	REGAN(E) W/ Copies
CLARK(L) W/ Copies	STOLZ(L) W/ Copies	DICKER(E) W/ Copies	✓ W. MAGEE W/ 2 Copies
GOLLER(L) W/ Copies	VASSALLO(L) W/ Copies	KNIGHTON(E) W/ Copies	W/ Copies
KNIEL(L) W/ Copies	✓ SCHEMEL(L) W/ 1 Copies (Info)	YOUNGBLOOD(E) W/ Copies	W/ Copies

**INTERNAL DISTRIBUTION**

✓ REG FILE	TECH REVIEW	DENTON	LIC ASST	A/T IND
✓ AEC PDR	HENDRIE	GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
✓ MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSO	PAWLICKI	SPANGLER	LEE (L)	✓ MCDONALD
BOYD	SHAO		MAIGRET (L)	DUBE w/Input
MOORE (L)(BWR)	STELLO	<u>ENVIRO</u>	SERVICE (L)	<u>INFO</u>
DEYOUNG(L)(PWR)	HOUSTON	MULLER	SHEPPARD (E)	C. MILES
SKOVHOLT (L)	NOVAK	DICKER	SMITH (L)	B. KING
P. COLLINS	ROSS	KNIGHTON	TEETS (L)	✓ S. CHAPMAN
DENISE	IPPOLITO	YOUNGBLOOD	WADE (E)	
<u>REG OPR</u>	TEDESCO	REGAN	WILLIAMS (E)	
FILE & REGION(3)	LONG	PROJECT LDR	WILSON (L)	
MORRIS	LAINAS		S. REED (L)	
STEELE	BENAROYA	<u>HARLESS</u>		
	VOLLMER			

**EXTERNAL DISTRIBUTION**

✓ 1 - LOCAL PDR Hartville, S. C.	(1)(2)(10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - DTIE(ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/ WOODARD/"H" ST.	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
16 - CYS ACRS HOLDING	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
	1-GERALD ULRICKSON...ORNL	1-RD..MULLER..F-309 GT



Carolina Power &amp; Light Company

March 6, 1974

File: NG-3514

Serial: NG-74-280

Mr. John F. O'Leary, Director  
Directorate of Licensing  
Office of Plans and Schedules  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Dear Mr. O'Leary:

**50 - 261**

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

Enclosed please find the H. B. Robinson Unit No. 2 Monthly  
Operating Data Reports as required by your letter of February 19, 1974.  
This initial report is for the period of initial plant operation through  
January 31, 1974.

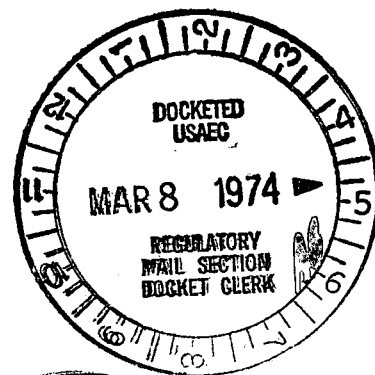
Yours very truly,

E. E. Utley  
Vice-President  
Bulk Power Supply

JLH:mvp

Enclosures

cc: Messrs. N. B. Bessac  
T. E. Bowman  
B. J. Furr  
W. B. Howell  
J. L. Harness  
D. V. Menscer  
N. C. Moseley  
D. B. Waters



UNIT NAME H. B. Robinson Unit #2  
DATE March 1, 1974  
COMPLETED BY Gary Moore

O P E R A T I N G   S T A T U S

1. REPORTING PERIOD: 0000,740101 TO 2400,740131  
GROSS HOURS IN REPORTING PERIOD: 743  
2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2,200 MWe-Net 739.328  
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): \_\_\_\_\_  
4. REASONS FOR RESTRICTIONS (IF ANY): \_\_\_\_\_

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL. . . . .	726.08	726.08	20,055.75
6. HOURS GENERATOR ON-LINE . . . . .	719.62	719.62	19,032.60
7. GROSS THERMAL POWER GENERATED (MWH) . . .	1,506,432	1,506,432	37,489,440
8. GROSS ELECTRICAL POWER GENERATED (MWH). .	497,692	497,692	12,113,694
9. NET ELECTRICAL POWER GENERATED (MWH). .	473,729	473,729	11,483,438
10. REACTOR AVAILABILITY FACTOR (1) . . . . .	97.6	97.6	68.2
11. PLANT AVAILABILITY FACTOR (2) . . . . .	96.7	96.7	64.7
12. PLANT CAPACITY FACTOR (3) . . . . .	86.2	86.2	52.8
13. FORCED OUTAGE RATE (4) . . . . .	3.1	3.1	26.6
14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Refueling outage to being 20 April 1974 and last about six weeks.			
15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____			N/A
16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:			

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	N/A		
INITIAL ELECTRICAL POWER GENERATION			
COMMERCIAL OPERATION			

- (1) REACTOR AVAILABILITY FACTOR =  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$   
(2) PLANT AVAILABILITY FACTOR =  $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$   
(3) PLANT CAPACITY FACTOR =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} * \text{GROSS HOURS IN REPORTING PERIOD}} * 100$   
(4) FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} * 100$

COMPLETED BY J. B. McGirt

## (5-year forecast; report one-time only)

<u>PURPOSE(s)</u>	<u>BEGIN DATE</u>	<u>END DATE</u>
<u>Refueling, C. V. air test, steam generator inspection,</u>		
<u>low pressure turbine inspection, high pressure turbine</u>		
<u>horizontal joint repair, inservice inspection and</u>		
<u>RCP inspection.</u>	<u>4-15-74</u>	<u>5-18-74</u>
<u>Refueling, steam generator inspection, H.P. turbine</u>		
<u>inspection.</u>	<u>10-1-75</u>	<u>11-15-75</u>
<u>Refueling, inservice inspection.</u>	<u>10-1-76</u>	<u>11-15-76</u>
<u>Refueling, inservice inspection.</u>	<u>10-1-77</u>	<u>11-15-77</u>
<u>Refueling, turbine inspection, generator inspection,</u>		
<u>inservice inspection.</u>	<u>10-1-78</u>	<u>11-15-78</u>
<u>Refueling, inservice inspection.</u>	<u>10-1-79</u>	<u>11-15-79</u>

DATE March 1, 1974

COMPLETED BY Gary Moore

DAILY PLANT POWER OUTPUTMONTH January

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>696</u>	25	<u>644</u>
2	<u>696</u>	26	<u>455</u>
3	<u>699</u>	27	<u>501</u>
4	<u>700</u>	28	<u>679</u>
5	<u>700</u>	29	<u>687</u>
6	<u>699</u>	30	<u>694</u>
7	<u>698</u>	31	<u>696</u>
8	<u>690</u>		
9	<u>254</u>		
10	<u>672</u>		
11	<u>693</u>		
12	<u>670</u>		
13	<u>698</u>		
14	<u>699</u>		
15	<u>647</u>		
16	<u>698</u>		
17	<u>687</u>		
18	<u>688</u>		
19	<u>696</u>		
20	<u>262</u>		
21	<u>446</u>		
22	<u>694</u>		
23	<u>670</u>		
24	<u>661</u>		

SUMMARY: The Unit operated at maximum capacity during the month. All shutdowns were due to secondary system failures.

UNIT NAME H. B. Robinson Unit #2

DATE March 1, 1974

COMPLETED BY Gary Moore

REPORT MONTH January

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	740109	F	2.0	G	C	Feedwater pressure dropped while valving in feedwater heaters 3A, 4A, 5A when "B" heater drain pump was started the S/G's were "water slugged." This water swelled and caused a hi level in S/G #1.
2	740109	F	1.50	A	C	Feedwater reg. valve not closing completely causing hi level in B S/G (non-nuclear component).
3	740109	F	1.80	A	C	(same as above)
4	740120	S	15.25	B	A	
5	740126	F	2.83	A	C	Fuse blew on generator voltage regulator which caused turbine trip which caused reactor trip (non-nuclearcomp.)

- (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)
- (2) METHOD:  
 A-MANUAL  
 B-MANUAL SCRAM  
 C-AUTOMATIC SCRAM