MONTHLY REPORTS (FOR GRAY BOOK PREPARATION)

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FROM: Carolina Light & Power Raleigh, N.C. E.E. Utley	DATE OF DOC 10-14-75	DATE REC'D 10-16-75	LTR XXX	TWX	RPT	OTHER
TO: Mr. Donald Knuth	ORIG 3 Signed	CC 7	OTHER	SENT AEC PDR SENT LOCAL PDR	XXX XXX	

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ENCLOSURES:

Monthly Report for September 1975
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

FOR ACTION/INFORMATION SAB 10-17-75

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October 14, 1975 Regulatory File Cy

50-261
FILE: NG-3513 (R)

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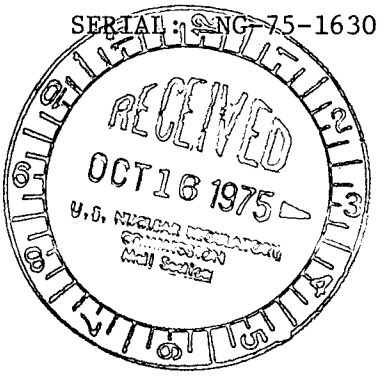


Mr. Donald Knuth, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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 September.

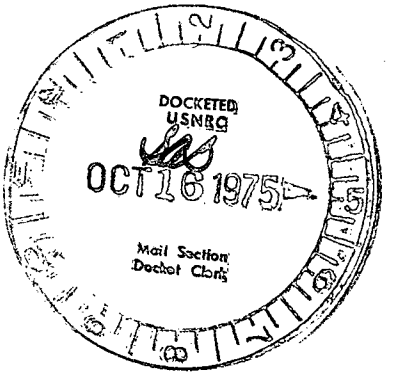
Yours very truly,

E. E. Utley
Vice-President
Bulk Power Supply

CSB:dwh

Enclosure

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



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APPENDIX C

DOCKET NO. DPR-23
UNIT H. B. Robinson Two
DATE 10-3-75
COMPLETED BY M. L. Watford

AVERAGE DAILY UNIT POWER LEVEL

MONTH September, 1975

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	651	17	673
2	651	18	673
3	642	19	673
4	420	20	676
5	650	21	43
6	655	22	521
7	657	23	674
8	656	24	674
9	657	25	675
10	656	26	672
11	655	27	671
12	658	28	645
13	651	29	672
14	575	30	675
15	671	31	-
16	671		

* 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 Two

DATE 10-3-75

COMPLETED BY M. L. Watford

DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 0000,750901 THROUGH 2400,0930
   HOURS IN REPORTING PERIOD: 720
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	697.23	5212.07	30703.50
6.	REACTOR RESERVE SHUTDOWN HOURS	1.22	84.04	215.32
7.	HOURS GENERATOR ON LINE	694.58	5177.04	30104.65
8.	UNIT RESERVE SHUTDOWN HOURS	-	-	-
9.	GROSS THERMAL ENERGY GENERATED (MWH)	1,493,923	11,170,104	61,702,884
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	474,538	3,617,735	20,117,169
11.	NET ELECTRICAL ENERGY GENERATED (MWH)	451,013	3,435,692	19,080,420
12.	REACTOR AVAILABILITY FACTOR (1)	96.84	79.56	76.55
13.	UNIT AVAILABILITY FACTOR (2)	96.47	79.03	75.06
14.	UNIT CAPACITY FACTOR (3)	94.20	78.87	71.54
15.	UNIT FORCED OUTAGE RATE (4)	3.53	14.14	17.93

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): Refueling - November - Six (6) Weeks
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 Two

DATE 10-3-75

COMPLETED BY M. L. Watford

REPORT MONTH September, 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
1	9/4/75	F	2.00	A	3	Turbine Trip due to high steam generator level caused by loss of both heater drain pumps due to malfunction of drain pump discharge valve.
2	9/21/75	F	23.42	A	2	Rod Control Failure - Urgent failure due to defective fuse in power supply to rod control cabinet 1-AC. Extension of outage was also caused by failure of source range N-32, due to failed detector and preamp.

(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 for 694.58 hours during the month with a capacity factor of 94.20%. The unit experienced two trips during the month with a forced outage rate of 3.53%.