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FROM: Carolina Light & Power Raleigh, N.C. B.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
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 10	DOCKET NO: 50-261		

DESCRIPTION:
Ltr trans the following:

PLANT NAME: H.B. Robinson

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

FOR ACTION/INFORMATION

SAB 10-17-75

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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 |
| 1 - ACRS HOLDING/SENT | | |

[Handwritten signature]



Carolina Power & Light Company

October 14, 1975

Regulatory

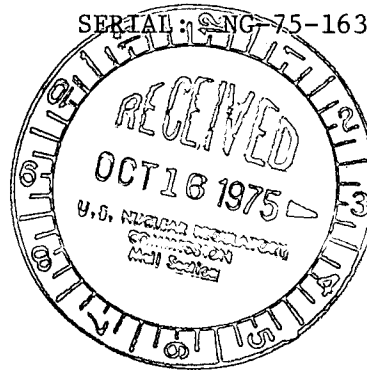
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FILE: NG-3513 (R)

SERIAL: NG-75-1630

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.

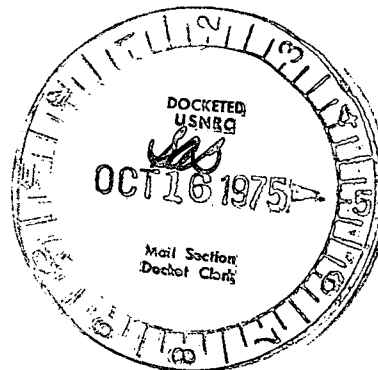
Yours very truly,

E. E. Utley
Vice-President
Bulk Power Supply

CSB:dwh

Enclosure

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



12061

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	<u>651</u>	17	<u>673</u>
2	<u>651</u>	18	<u>673</u>
3	<u>642</u>	19	<u>673</u>
4	<u>420</u>	20	<u>676</u>
5	<u>650</u>	21	<u>43</u>
6	<u>655</u>	22	<u>521</u>
7	<u>657</u>	23	<u>674</u>
8	<u>656</u>	24	<u>674</u>
9	<u>657</u>	25	<u>675</u>
10	<u>656</u>	26	<u>672</u>
11	<u>655</u>	27	<u>671</u>
12	<u>658</u>	28	<u>645</u>
13	<u>651</u>	29	<u>672</u>
14	<u>575</u>	30	<u>675</u>
15	<u>671</u>	31	<u>-</u>
16	<u>671</u>		

* 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	<u>697.23</u>	<u>5212.07</u>	<u>30703.50</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>1.22</u>	<u>84.04</u>	<u>215.32</u>
7. HOURS GENERATOR ON LINE	<u>694.58</u>	<u>5177.04</u>	<u>30104.65</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>-</u>	<u>-</u>	<u>-</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,493,923</u>	<u>11,170,104</u>	<u>61,702,884</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>474,538</u>	<u>3,617,735</u>	<u>20,117,169</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>451,013</u>	<u>3,435,692</u>	<u>19,080,420</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>96.84</u>	<u>79.56</u>	<u>76.55</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>96.47</u>	<u>79.03</u>	<u>75.06</u>
14. UNIT CAPACITY FACTOR (3)	<u>94.20</u>	<u>78.87</u>	<u>71.54</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>3.53</u>	<u>14.14</u>	<u>17.93</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>Refueling - November - Six (6) 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	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

- (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 = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET)} \times \text{HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$

**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 (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 SCRAM
 LICENSE EXAMINATION
 F-ADMINISTRATIVE
 G- OPERATIONAL ERROR
 (EXPLAIN)
 H-OTHER (EXPLAIN)

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%.

1.16-E-1