

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 10657

FILE: Monthly Rpt File

| | | | | | | | | |
|---|---------------|-----------|-------------------------|---|----------|--------------------------------------|-----|-------|
| FROM: Carolina Power & Light Co Raleigh, N. C. 27602 E.E. Utley | | | DATE OF DOC 10-10-74 | DATE REC'D 10-15-74 | LTR X | TWX | RPT | OTHER |
| TO: AEC | | | ORIG 1 signed | CC | OTHER | SENT AEC PDR XX SENT LOCAL PDR XX | | |
| CLASS | UNCLASS XX | PROP INFO | INPUT | NO CYS REC'D 1 | | DOCKET NO: 50-261 | | |
| DESCRIPTION: Ltr trans the following... <i>Do Not Remove</i> | | | | ENCLOSURES: Monthly Report for <u>September 1974</u> Plant & Component Operability & Availability This Report to be used in preparing Grey Book by Plans & Operations. No. of Cys Rec'd <u>1</u> | | | | |
| PLANT NAME: H.B. Robinson | | | | | | | | |

FOR ACTION/INFORMATION LMB 10-17-74

| | | | |
|------------------------|---------------------------|----------------------------|-------------------------|
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INTERNAL DISTRIBUTION

| | | | | |
|---|--|--|---|--|
| <u>REG FILE</u> AEC PDR OGC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L) (PWR) DEYOUNG (L) (PWR) SKOVHOLT (L) GOLLER (L) P. COLLINS DENISE REG OPR FILE & REGION (2) MORRIS STEELE | <u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER | <u>DEPTON</u> GRIMES CAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS | <u>LIC ASST</u> DIGGS (L) GEARIN (L) GOULBOURNE (L) KREUTZER (E) LEE (L) MAIGRET (L) REED (E) SERVICE (L) SHEPPARD (L) SLATER (E) SMITH (L) TEETS (L) WILLIAMS (E) WILSON (L) | <u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> MCDONALD CHAPMAN DUBE w/input E. COUPE D. THOMPSON (2) KLECKER EISENHUT |
|---|--|--|---|--|

EXTERNAL DISTRIBUTION

| | | |
|---|-------------------------------|----------------------------|
| ✓ 1 - LOCAL PDR <u>Hartsville, S.C.</u> | (1)(2)(10) - NATIONAL LABS | 1-PDR-SAN/LA/NT |
| ✓ 1 - TIC (ASBATHY) | 1-ASLB (E/W Bldg, Rm 529) | 1-BROOKHAVEN NAT LAB |
| ✓ 1 - NSIC (BUCHANAN) | 1-W. PENNINGTON, Rm E-201 GT | 1-G. ULRIKSON, Rm E-201 GT |
| 1 - ASLB | 1-B&M SWINEBROAD, Rm E-201 GT | 1-AGMED (RUTH GUST) |
| 1 - Newton Anderson | 1-CONSULTANTS | Rm E-127 GT |
| 16 - ACSRS HOLDING | NEWARK/BLUME/AGBADIAN | 1-RD..MULLER, Rm E-127 GT |

Regulatory

CP&L

CP&L

Carolina Power & Light Company

October 10, 1974



File: NG-3514 (R)

Serial: NG-74-1217

Directorate of Licensing
Office of Plans and Schedules
U. S. Atomic Energy Commission
Washington, D. C. 20545

50-261

Dear Sirs:

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

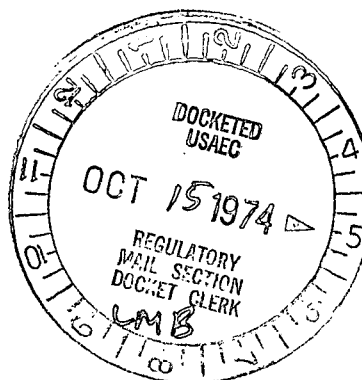
Enclosed please find the H. B. Robinson Unit No. 2 Monthly Operating Data Reports as required by your letter of February 19, 1974. This report is for the month of September, 1974.

Yours very truly,

E. E. Utley
Vice-President
Bulk Power Supply

JLH:mvp
Enclosure

cc: Messrs. N. B. Bessac
W. B. Howell
J. B. McGirt
D. V. Menscer
J. L. Harness
D. B. Waters



10657

UNIT H. B. Robinson Unit No. 2DATE October 3, 1974COMPLETED BY M. L. WatfordDOCKET NO. 50-261

OPERATING STATUS

1. REPORTING PERIOD: 0000,740901 THROUGH 2400,740930
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>687.70</u> | <u>5252.02</u> | <u>24581.69</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE | <u>681.00</u> | <u>5173.72</u> | <u>23486.70</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | <u>1447142</u> | <u>10909488</u> | <u>46892497</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>461177</u> | <u>3525522</u> | <u>15181524</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>437903</u> | <u>3345753</u> | <u>14355462</u> |
| 12. REACTOR AVAILABILITY FACTOR (1) | <u>95.51</u> | <u>80.17</u> | <u>69.80</u> |
| 13. UNIT AVAILABILITY FACTOR (2) | <u>94.58</u> | <u>78.98</u> | <u>66.70</u> |
| 14. UNIT CAPACITY FACTOR (3) | <u>91.46</u> | <u>76.80</u> | <u>61.30</u> |
| 15. UNIT FORCED OUTAGE RATE (4) | <u>5.42</u> | <u>2.68</u> | <u>23.02</u> |
| 16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>741010 - 741013, secondary work and AEC exams, 72 hrs. (est.)</u> | | | |
| 17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>None</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 = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET)} \times \text{HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$

DOCKET NO. 50-261UNIT H. B. Robinson 2DATE October 3, 1974COMPLETED BY M. L. Watford

AVERAGE DAILY UNIT POWER LEVEL

MONTH September

| AVERAGE DAILY POWER LEVEL (MWe-net) | | AVERAGE DAILY POWER LEVEL (MWe-net) | |
|--|------------|--|-------------|
| DAY | | DAY | |
| 1 | <u>-14</u> | 17 | <u>661</u> |
| 2 | <u>424</u> | 18 | <u>662</u> |
| 3 | <u>649</u> | 19 | <u>661</u> |
| 4 | <u>656</u> | 20 | <u>662</u> |
| 5 | <u>661</u> | 21 | <u>662</u> |
| 6 | <u>665</u> | 22 | <u>501</u> |
| 7 | <u>665</u> | 23 | <u>665</u> |
| 8 | <u>652</u> | 24 | <u>670*</u> |
| 9 | <u>665</u> | 25 | <u>671*</u> |
| 10 | <u>664</u> | 26 | <u>674*</u> |
| 11 | <u>665</u> | 27 | <u>672*</u> |
| 12 | <u>665</u> | 28 | <u>555</u> |
| 13 | <u>664</u> | 29 | <u>474</u> |
| 14 | <u>664</u> | 30 | <u>400</u> |
| 15 | <u>649</u> | 31 | <u>-</u> |
| 16 | <u>659</u> | | |

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.

*Note: Lake temperature reduced, resulting in increased power level above MDC.

Summary:

The Unit was on the line 681 hours during the month with an operating capacity factor of 91.46%.

UNIT SHUTDOWNS

DOCKET NO. 50-261

UNIT NAME H. B. Robinson 2

DATE October 3, 1974

COMPLETED BY M. L. Watford

Tele. 332-1351 (803)

Ext. 142

REPORT MONTH September

| NO. | DATE | TYPE F-FORCED S-SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR (2) | CORRECTIVE ACTIONS/COMMENTS |
|-----|--------|---------------------------------|---------------------|------------|---|--|
| | 740831 | S | 24.5 | B | A | Work done on MSR-2A, 1A, and 2a drains to 6A heater. |
| | 740922 | F | 1.5 | B | B | Governor Valve closed during PT-15.2 |
| | 740930 | F | 1.5 | A | C | FC-434 was in trip mode, FC-435 and 436 dipped |
| | 740930 | F | 3.0 | A | C | Turbine trip from B inverter dip |

(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:

I.16-E-1