

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

CONTROL NO: 4093

**ACKNOWLEDGED**

**DO NOT REMOVE**

FILE: \_\_\_\_\_

|   |                     |                  |                               |                              |                 |  |            |              |
|---|---------------------|------------------|-------------------------------|------------------------------|-----------------|--|------------|--------------|
| <b>FROM:</b><br>Carolina Power & Light Company<br>Raleigh, N. C. 27602<br>E. E. Utley |                     |                  | <b>DATE OF DOC</b><br>6-18-73 | <b>DATE REC'D</b><br>6-25-73 | <b>LTR</b><br>x | <b>MEMO</b>                                      | <b>RPT</b> | <b>OTHER</b> |
| <b>TO:</b><br>J. F. O'Leary   |                     |                  | <b>ORIG</b><br>3 signed       | <b>CC</b><br>37              | <b>OTHER</b>    | <b>SENT AEC PDR</b> x<br><b>SENT LOCAL PDR</b> x |            |              |
| <b>CLASS</b>  | <b>UNCLASS</b><br>x | <b>PROP INFO</b> | <b>INPUT</b>                  | <b>NO CYS REC'D</b><br>40    |                 | <b>DOCKET NO:</b><br>50-261                      |            |              |

|   |  |
|---|--|
| <b>DESCRIPTION:</b><br><br>Ltr trans the following:<br><br><br><br><br><br><br><br><br><br>PLANT NAME: H. B. Robinson | <b>ENCLOSURES:</b><br><br>REPORT: Monthly Report of Primary &<br>Secondary Activity Measurements<br>and Effluent Discharge<br>Activity Levels for May,,1973<br><br><br><br><br><br><br><br><br><br>(40 cys encl rec'd) |
|---|--|

**FOR ACTION/INFORMATION**

|                        |                           |                            |                       |
|------------------------|---------------------------|----------------------------|-----------------------|
| BUTLER(L)<br>W/ Copies | SCHWENCER(L)<br>W/ Copies | ZIEMANN(L)<br>W/ Copies    | REGAN(E)<br>W/ Copies |
| CLARK(L)<br>W/ Copies  | STOLZ(L)<br>W/ Copies     | DICKER(E)<br>W/ Copies     | W/ Copies             |
| GOLLER(L)<br>W/ Copies | VASSALLO(L)<br>W/ Copies  | KNIGHTON(E)<br>W/ Copies   | W/ Copies             |
| KNIEL(L)<br>W/ Copies  | ✓SCHEMEL(L)<br>W/7 Copies | YOUNGBLOOD(E)<br>W/ Copies | W/ Copies             |

**INTERNAL DISTRIBUTION**

|   |  |   |   |   |
|---|--|---|---|---|
| <u>REG FILE</u><br>✓AEC PDR<br>✓OGC, ROOM P-506A<br>✓MUNTING/STAFF<br>CASE<br>GIAMBUSSO<br>BOYD<br>MOORE (L)(BWR)<br>DEYOUNG(L)(PWR)<br>✓SKOVHOLT (L)<br>P. COLLINS | <u>TECH REVIEW</u><br>HENDRIE<br>SCHROEDER<br>✓MACCARY<br>KNIGHT<br>PAWLICKI<br>SHAO<br>✓STELLO<br>HOUSTON<br>NOVAK<br>ROSS<br>IPPOLITO<br>✓TEDESCO<br>LONG<br>LAINAS<br>BENAROYA<br>VOLLMER | DENTON<br>GRIMES<br>GAMMILL<br>KASTNER<br>BALLARD<br>SPANGLER<br><br><u>ENVIRO</u><br>MULLER<br>DICKER<br>KNIGHTON<br>YOUNGBLOOD<br>REGAN<br>PROJECT LDR<br><br>HARLESS | <u>LIC ASST</u><br>BROWN (E)<br>DIGGS (L)<br>GEARIN (L)<br>GOULBOURNE (E)<br>LEE (L)<br>MAIGRET (L)<br>SERVICE (L)<br>SHEPPARD (E)<br>SMITH (L)<br>✓TEETS (L)<br>WADE (E)<br>WILLIAMS (E)<br>WILSON (L) | <u>A/T IND</u><br>BRAITMAN<br>SALTZMAN<br><br><u>PLANS</u><br>MCDONALD<br>DUBE<br><br><u>INFO</u><br>C. MILES |
|---|--|---|---|---|

**EXTERNAL DISTRIBUTION**

|  |                           |                         |
|--|---------------------------|-------------------------|
| ✓1 - LOCAL PDR Hartville, S. C.  | (1)(2)(9)-NATIONAL LAB'S  | 1-PDR-SAN/LA/NY         |
| ✓1 - DTIE(ABERNATHY)   | 1-R. CARROLL-OC,GT-B227   | 1-GERALD LELLOUCHE      |
| ✓1 - NSIC(BUCHANAN)  | 1-R. CATLIN, E-256-GT     | BROOKHAVEN NAT. LAB     |
| 1 - ASLB(YORE/SAYRE/<br>WOODARD/"H" ST.                                | 1-CONSULTANT'S            | 1-AGMED(WALTER KOESTER  |
| ✓16 - CYS ACRS <del>WOODARD</del> SENT TO LIC ASST<br>S. TEETS 6-26-73 | NEWMARK/BLUME/AGBABIAN    | RM-C-427-GT             |
|  | 1-GERALD ULRICKSON...ORNL | ✓1-RD..MULLER..F-309 GT |

Regulatory

File Cy.

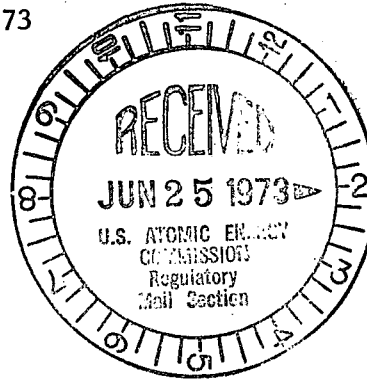
**CP&L**

Carolina Power & Light Company

June 18, 1973

50 - 261

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

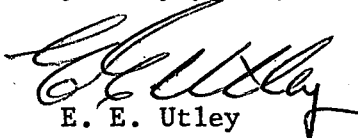


H. B. ROBINSON UNIT NO. 2  
LICENSE DPR-23  
MONTHLY REPORT OF PRIMARY AND SECONDARY ACTIVITY  
MEASUREMENTS AND EFFLUENT DISCHARGE ACTIVITY LEVELS

Dear Mr. O'Leary:

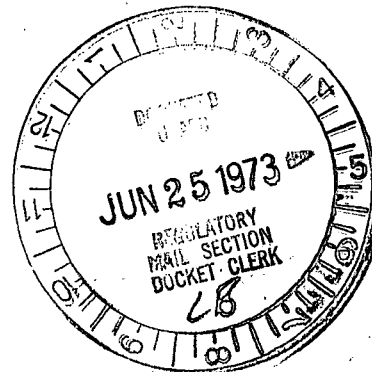
In accordance with the requirements of the "Interim Conditions for Operation, H. B. Robinson Unit No. 2," dated September 12, 1972, we hereby submit as an attachment the monthly report of primary and secondary activity measurements and effluent discharge activity levels for May, 1973.

Very truly yours,

  
E. E. Utley  
Vice-President  
Bulk Power Supply

EEU:mp  
Enclosure

cc: Mr. C. D. Barham  
Mr. B. J. Furr  
Mr. D. V. Menscer  
Mr. N. B. Bessac



# A.E.C. INTERIM MONTHLY REPORT

| MONTH AND YEAR: MAY, 1973 |                                     | STEAM GENERATOR GROSS ACTIVITY, uci/ml |                       |                       | LIQUID DISCHARGE, mci                                  |              |
|---------------------------|-------------------------------------|--|-----------------------|-----------------------|--|--------------|
| DAY                       | RCS GROSS DEGASSED ACTIVITY, uci/ml | A                                      | B                     | C                     | GROSS ACTIVITY   | GROSS IODINE |
| 1                         | $2.34 \times 10^{-2}$               | PLANT COOLED DOWN, DEPRESSURIZED       |                       |                       | 1.065 mci<br>gaseous.<br><br>70.517 mci<br>particulate | 0.562 mci    |
| 2                         | $2.47 \times 10^{-2}$               | FOR REFUELING                          |                       |                       |  |              |
| 3                         | $2.60 \times 10^{-2}$               |  |                       |                       |  |              |
| 4                         | $3.01 \times 10^{-2}$               | INITIAL CRITICALITY MAY 14, 1973       |                       |                       |  |              |
| 5                         | $2.83 \times 10^{-2}$               |  |                       |                       |  |              |
| 6                         |                                     |  |                       |                       |  |              |
| 7                         |                                     |  |                       |                       |  |              |
| 8                         | $2.26 \times 10^{-2}$               | 0                                      | $2.25 \times 10^{-6}$ | 0                     |  |              |
| 9                         | $4.11 \times 10^{-2}$               | $7.7 \times 10^{-6}$                   | $1.7 \times 10^{-6}$  | $1.27 \times 10^{-6}$ |  |              |
| 10                        | $6.33 \times 10^{-2}$               | 0                                      | 0                     | 0                     |  |              |
| 11                        | $1.47 \times 10^{-2}$               | $3.31 \times 10^{-6}$                  | $1.59 \times 10^{-6}$ | $1.49 \times 10^{-6}$ |  |              |
| 12                        | $8.12 \times 10^{-3}$               | $1.05 \times 10^{-6}$                  | 0                     | 0                     |  |              |
| 13                        | $4.97 \times 10^{-3}$               | 0                                      | 0                     | 0                     |  |              |
| 14                        | $3.62 \times 10^{-3}$               | $1.63 \times 10^{-6}$                  | $1.57 \times 10^{-6}$ | $1.47 \times 10^{-6}$ |  |              |
| 15                        | $3.77 \times 10^{-3}$               | $3.27 \times 10^{-7}$                  | $4.75 \times 10^{-7}$ | 0                     |  |              |
| 16                        |                                     |  |                       |                       |  |              |
| 17                        | $1.96 \times 10^{-3}$               | 0                                      | 0                     | 0                     |  |              |
| 18                        | $7.7 \times 10^{-2}$                | $3.75 \times 10^{-2}$                  | 0                     | 0                     |  |              |
| 19                        | $1.19 \times 10^{-1}$               | 0                                      | 0                     | 0                     |  |              |
| 20                        | $1.37 \times 10^{-1}$               | 0                                      | 0                     | 0                     |  |              |
| 21                        | $1.35 \times 10^{-1}$               | 0                                      | 0                     | 0                     |  |              |
| 22                        | $7.23 \times 10^{-1}$               | 0                                      | 0                     | 0                     |  |              |
| 23                        | $1.91 \times 10^{-1}$               | $1.1 \times 10^{-6}$                   | 0                     | 0                     |  |              |
| 24                        | $2.6 \times 10^{-1}$                | $1.3 \times 10^{-5}$                   | 0                     | $3.37 \times 10^{-5}$ |  |              |
| 25                        | $2.27 \times 10^{-1}$               | $5.12 \times 10^{-6}$                  | 0                     | $7.47 \times 10^{-7}$ |  |              |
| 26                        | $2.47 \times 10^{-4}$               |  |                       |                       |  |              |
| 27                        |                                     |  |                       |                       |  |              |
| 28                        | $7.56 \times 10^{-2}$               | $5.66 \times 10^{-7}$                  | 0                     | 0                     |  |              |
| 29                        | $2.40 \times 10^{-1}$               | $1.21 \times 10^{-6}$                  | 0                     | 0                     |  |              |
| 30                        | $2.61 \times 10^{-1}$               | $1.12 \times 10^{-6}$                  | 0                     | 0                     |  |              |
| 31                        | $2.18 \times 10^{-1}$               | 0                                      | 0                     | 0                     |  |              |