

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

CONTROL NO: 6853

FILE: *MDA*

| | | | | | | | | |
|--|---------|-----------|-----------------------|-----------------------|----------|------------------------------------|-----|-------|
| FROM: Carolina Power & Light Company Raleigh, N. C. 27602 E. E. Utley | | | DATE OF DOC 9-4-73 | DATE REC'D 9-10-73 | LTR X | MEMO | RPT | OTHER |
| TO: Mr. Schemel | | | ORIG 3 signed | CC | OTHER | SENT AEC PDR X SENT LOCAL PDR X | | |
| CLASS | UNCLASS | PROP INFO | INPUT | NO CYS REC'D 40 | | DOCKET NO: 50-261 | | |
| | XX | | | | | | | |

DESCRIPTION:
Ltr furnishing errata to Fuel Densification Report & the Tech Specs for the H. B. Robinson Unit # 2.....

ENCLOSURES:

**ACKNOWLEDGED
Do Not Remove**

PLANT NAME: H. B. Robinson Unit # 2

FOR ACTION/INFORMATION

9-12-73

AB

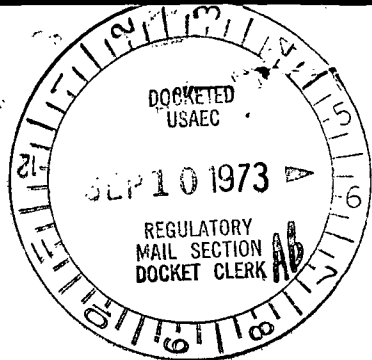
| | | | |
|-----------|--------------|---------------|-----------|
| BUTLER(L) | SCHWENCER(L) | ZIEMANN(L) | REGAN(E) |
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INTERNAL DISTRIBUTION

| | | | | |
|--------------------|--------------------|----------------|-----------------|-----------------|
| <u>REG FILE</u> | <u>TECH REVIEW</u> | <u>DENTON</u> | <u>LIC ASST</u> | <u>A/T IND</u> |
| ✓ AEC PDR | HENDRIE | GRIMES | | BRAITMAN |
| ✓ OGC, ROOM P-506A | SCHROEDER | GAMMILL | DIGGS (L) | SALTZMAN |
| ✓ MUNTZING/STAFF | MACCARY | KASTNER | GEARIN (L) | |
| CASE | KNIGHT | BALLARD | GOULBOURNE (L) | <u>PLANS</u> |
| GIAMBUSSO | PAWLICKI | SPANGLER | LEE (L) | MCDONALD |
| BOYD | SHAO | | MAIGRET (L) | DUBE |
| MOORE (L) (BWR) | ✓ STELLO | <u>ENVIRO</u> | SERVICE (L) | |
| DEYOUNG(L) (PWR) | HOUSTON | MULLER | SHEPPARD (E) | <u>INFO</u> |
| ✓ SKOVHOLT (L) | ✓ NOVAK(6) | DICKER | SMITH (L) | C. MILES |
| P. COLLINS | ✓ ROSS | KNIGHTON | ✓ TEETS (L) | VARGA |
| | IPPOLITO | YOUNGBLOOD | WADE (E) | ✓ L. RUBINSTEIN |
| <u>REG OPR</u> | TEDESCO | REGAN | WILLIAMS (E) | ✓ CRUTCHFIELD |
| ✓ FILE & REGION(3) | LONG | PROJECT LDR | WILSON (L) | |
| MORRIS | LAINAS | | | |
| STEELE | BENAROYA | <u>HARLESS</u> | | |
| | VOLLMER | | | |

EXTERNAL DISTRIBUTION

| | | |
|--|---------------------------------|------------------------|
| 1 - LOCAL PDR <u>Hartville, S. C.</u> | (1) (2X10) NATIONAL LAB'S | 1-PDR-SAN/LA/NY |
| 1 - DTIE(ABERNATHY) | 1-R. Schoonmaker, OC, GT, D-323 | 1-GERALD LELLOUCHE |
| 1 - NSIC(BUCHANAN) | 1-W. PENNINGTON, Rm E-201 GT | BROOKHAVEN NAT. LAB |
| 1 - ASLB(YORE/SAYRE/ | 1-CONSULTANT'S | 1-AGMED(WALTER KOESTER |
| WOODARD/"H" ST. | NEWMARK/BLUME/AGBABIAN | RM-C-427-GT |
| ✓ 16 - CYS ACRS holding SENT TO LIC ASST. | 1-GERALD ULRIKSON...ORNL | 1-RD..MULLER..F-309 GT |
| S. TEETS ON 9-12-73 | | |



Regulatory

File Cy.

CP&L

Carolina Power & Light Company

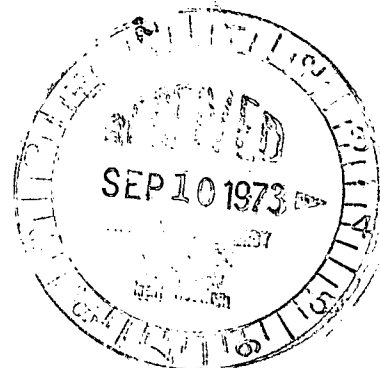
September 4, 1973

File: NG 3514

Serial: NG-73-358

Mr. Robert J. Schemel, Chief
Operating Reactors Branch No. 1
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

50-261



Dear Mr. Schemel:

H. B. ROBINSON UNIT NO. 2
LICENSE DPR-23

ERRATA TO FUEL DENSIFICATION REPORTS AND TECHNICAL SPECIFICATIONS

During several telephone conversations with your staff, a typographical error was identified in the report, "Fuel Densification - H. B. Robinson Steam Electric Plant, Unit No. 2, Cycle 2," WCAP-8114 (proprietary) and WCAP-8115 (non-proprietary). The following correction should be made to copies of these reports to convey the proper information:

On Page 5.3-1, Section 5.3.1, second paragraph; change the first sentence to read, "The DNB core safety limits for three loop and two loop operation have been recalculated to allow for the effects of fuel densification and operation with flattened rods."

Also, Page 3.10-9 of the revised Technical Specifications submitted April 19, 1973, the first paragraph, which refers to the revision of the control rod insertion limits for Cycle 2, is incomplete in that it deals only with ejected rod worth as a criteria for revision. In fact, calculations which are performed to determine insertion limits also account for radial power distribution limits, or $F_{\Delta H}$, and the required shutdown margin for the steam break accident.

In order to clarify this point, we request that the following be substituted in place of the present paragraph: "The specified control rod insertion limits have been revised for Cycle 2, in order to meet the design basis criteria on (1) potential ejected control rod worth and peaking factor, (2) radial power peaking factors, $F_{\Delta H}$, and (3) required shutdown margin."

6853

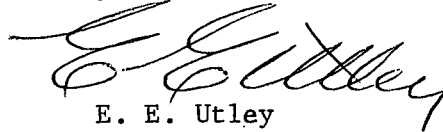
Mr. Robert J. Schemel

- 2 -

September 4, 1973

Eighty (80) copies of this letter are provided for correction to your copies of the WCAP reports. None of the information contained herein is of a proprietary nature.

Very truly yours,



E. E. Utley
Vice-President
Bulk Power Supply

DBW:mvp

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