

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 8723

FILE:

| | | | | | | | | |
|---|----------------|-----------|------------------------|-----------------------|----------------------------------|------------------------------------|-----|-------|
| FROM: Duke Power Company Charlotte, North Carolina 28201 A. C. Thies | | | DATE OF DOC 12-3-73 | DATE REC'D 12-7-73 | LTR x | MEMO | RPT | OTHER |
| TO: A. Giambusso | | | ORIG 3 signed | CC | OTHER | SENT AEC PDR X SENT LOCAL PDR X | | |
| CLASS | UNCLASS XXX | PROP INFO | INPUT XXXXX | NO CYS REC'D 3 | DOCKET NO: 50-269 50-270 | | | |

DESCRIPTION:
Ltr notarized 12-3-73 requesting modifications of Tech Specs 3.5.2.5 to auth operations at 92 % power....

ENCLOSURES:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Oconee Units 1 & 2

FOR ACTION/INFORMATION 12-8-73 fod

| | | | |
|------------------------|------------------------------|----------------------------|-----------------------|
| BUTLER(L) W/ Copies | ✓ SCHWENCER(L) W/6 Copies | ZIEMANN(L) W/ Copies | REGAN(E) W/ Copies |
| CLARK(L) W/ Copies | STOLZ(L) W/ Copies | DICKER(E) W/ Copies | W/ Copies |
| GOLLER(L) W/ Copies | VASSALLO(L) W/ Copies | KNIGHTON(E) W/ Copies | W/ Copies |
| KNIEL(L) W/ Copies | SCHEMEL(L) W/ Copies | YOUNGBLOOD(E) W/ Copies | W/ Copies |

INTERNAL DISTRIBUTION

| | | | | |
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| ✓ REG FILE | TECH REVIEW | DENTON | LIC ASST | A/T IND |
| ✓ AEC PDR | HENDRIE | GRIMES | DIGGS (L) | BRAITMAN |
| ✓ OGC, ROOM P-506A | SCHROEDER | GAMMILL | GEARIN (L) | SALTZMAN |
| ✓ MUNTIZING/STAFF | MACCARY | KASTNER | ✓ SOULBOURNE (L) | B. HURT |
| CASE | KNIGHT | BALLARD | LEE (L) | PLANS |
| GIAMBUSSO | PAWLICKI | SPANGLER | MAIGRET (L) | MCDONALD |
| BOYD | SHAO | | SERVICE (L) | ✓ DUBE |
| MOORE (L) (EWR) | STELLO | ✓ ENVIRO | SHEPPARD (E) | INFO |
| ✓ DEYOUNG (L) (PWR) | HOUSTON | MULLER | SMITH (L) | C. MILES |
| SKOVHOLT (L) | NOVAK | DICKER | TEETS (L) | ✓ A. CABELL |
| P. COLLINS | ROSS | KNIGHTON | WADE (E) | |
| REG OPR | IPPOLITO | YOUNGBLOOD | WILLIAMS (E) | |
| ✓ FILE & REGION (2) | TEDESCO | REGAN | WILSON (L) | |
| MORRIS | LONG | PROJECT LDR | | |
| STEELE | LAINAS | | | |
| | BENAROYA | HARLESS | | |
| | VOLLMER | | | |

EXTERNAL DISTRIBUTION

| | | |
|---------------------------------|------------------------------|---------------------------|
| ✓ 1 - LOCAL PDR Walhalla, S. C. | (1)(2)(10) NATIONAL LAB'S | 1-PDR-SAN/LA/NY |
| ✓ 1 - DTIE (ABERNATHY) | 1-ASLBP (E/W Bldg, Rm 529) | 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 (Ruth Gussman) |
| WOODARD/"H" ST. | NEWMARK/BLUME/AGBABIAN | RM-B-127, GT. |
| ✓ 16 - CYS ACRS HOLDING | 1-GERALD ULRIKSON... ORNL | 1-RD... MULLER... F-309 C |
| Sent 12-8-73 to | | |
| E. Goulbourne for | | |
| Dist. | | |

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

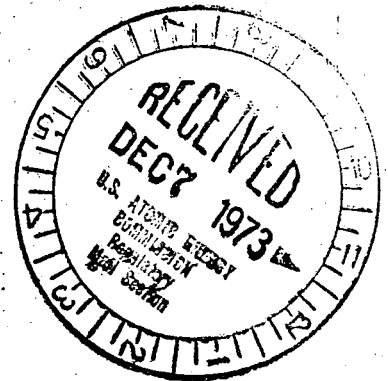
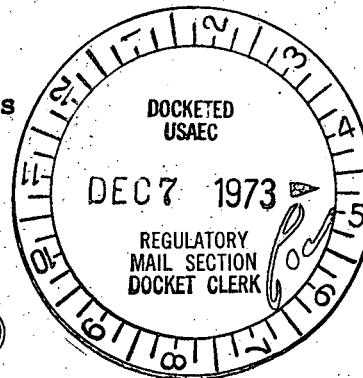
December 3, 1973

Regulatory

File Cy.

Mr. Angelo Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
Office of Regulation
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Oconee Units 1 and 2
Docket Nos. 50-269 and 50-270



Dear Mr. Giambusso:

My letter of November 30, 1973 requested certain modifications of Technical Specifications 3.5.2.4 and 3.5.2.5. We discussed these proposed changes with members of your staff in a meeting in Bethesda, Maryland on November 1, 1973 and in a conference telephone conversation on November 30, 1973, and they have indicated that more time will be required to complete their review of these proposed changes.

On November 23, 1973, a Unit 1 control rod drive stator failed causing a Group 7 rod to drop into the core. Other Group 7 rods were inserted into the core to prevent an asymmetric power distribution. Operation with one dropped rod is permitted under Technical Specification 3.5.2.2; however, in order to meet the control rod withdrawal limits, specified in Technical Specification 3.5.2.5(c), Unit 1 must be operated at less than 80 percent rated power. The requested modifications of Technical Specification 3.5.2.5 would permit operation up to 92 percent power. The additional power generated by Oconee Unit 1, which this technical specification change would permit, could represent a saving of fossil fuel equivalent to 7200 barrels of fuel oil per day.

In view of the possible saving of substantial amounts of fuel oil, it is requested that Technical Specification 3.5.2.5(c) be waived for Oconee Unit 1. If such waiver is granted, Duke Power Company will impose the following conditions on the operation of Oconee Unit 1:

- (1) Reactor power will be maintained below 92 percent full rated power.
- (2) Quadrant tilt will not exceed 4 percent.
- (3) Other specifications in Technical Specification 3.5.2 will be met.

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- (4) The reactor will be operated at 80 percent power for at least 12 hours before proceeding to 92 percent power.
- (5) Power maps will be taken every four hours during steady-state operation and immediately following power transients greater than 10 percent rated power and once every two hours for 12 hours after the transient to assure that LOCA kilowatts per foot limits are not being exceeded. The incore instrumentation will be used for the power mapping. If the LOCA limit is exceeded, power level will be reduced to below 80 percent power.

It is requested that this waiver be in effect until December 30, 1973, or the Oconee Unit 1 Technical Specification 3.5.2 revision now under review is approved by the Atomic Energy Commission or the reactor is shut down to repair the inoperable rod, whichever occurs first.

Very truly yours,



A. C. Thies

ACT:vr

Mr. Angelo Giambusso

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A. C. THIES, being duly sworn, states that he is Senior Vice President of Duke Power Company; that he is authorized on the part of said company to sign and file with the Atomic Energy Commission this request for waiver of the Oconee Nuclear Station Technical Specifications, Appendix A to Facility Operating Licenses DPR-38 and DPR-47; and that all statements and matters set forth therein are true and correct to the best of his knowledge.

A. C. Thies

A. C. Thies, Senior Vice President

ATTEST:

Dorothea B. Stroupe

Dorothea B. Stroupe
Assistant Secretary

Subscribed and sworn to before me this 3rd day of December, 1973.

Carolyn R. Huscar
Notary Public

My Commission Expires:

May 10, 1977