

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO:
Mr. Benard C. Rusche

FROM:
Duke Power Company
Charlotte, North Carolina
Mr. William O. Parker, Jr.

DATE OF DOCUMENT
1/14/77

DATE RECEIVED
1/17/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP INPUT FORM

NUMBER OF COPIES RECEIVED
One signed

DESCRIPTION

Ltr. w/attached....re their 10/1/76 ltr. and 9/21/76 meeting....furnishing ltr. from Law Engineering Testing Co. to Duke Power Co. concerning stability of Jocassee Dam during earthquakes....

(3-P)

PLANT NAME:
Oconee Units 1-2-3

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

| | | | | | | |
|--|---------------|--|--|--------|---------|-----|
| SAFETY | | FOR ACTION/INFORMATION | | ENVIRO | 1/24/77 | RJL |
| ASSIGNED AD: | | ASSIGNED AD: | | | | |
| <input checked="" type="checkbox"/> BRANCH CHIEF: | Schwencer (5) | <input checked="" type="checkbox"/> BRANCH CHIEF: | | | | |
| <input checked="" type="checkbox"/> PROJECT MANAGER: | Neighbors (3) | <input checked="" type="checkbox"/> PROJECT MANAGER: | | | | |
| <input checked="" type="checkbox"/> LIC. ASST. : | Sheppard | <input checked="" type="checkbox"/> LIC. ASST. : | | | | |

| INTERNAL DISTRIBUTION | | | |
|---|----------------|--------------------|--|
| <input checked="" type="checkbox"/> REG FILE | SYSTEMS SAFETY | PLANT SYSTEMS | SITE SAFETY & |
| <input checked="" type="checkbox"/> NRC PDR | HEINEMAN | TEDESCO | ENVIRO ANALYSIS |
| <input checked="" type="checkbox"/> I & E (2) | SCHROEDER | BENAROYA | DENTON & MULLER |
| <input checked="" type="checkbox"/> OELD | | LAINAS | |
| <input checked="" type="checkbox"/> GOSSICK & STAFF | ENGINEERING | IPPOLITO | ENVIRO TECH. |
| MIPC | MACARRY | KIRKWOOD | ERNST |
| CASE | KNIGHT | | BALLARD |
| HANAUER | SIHWEL | OPERATING REACTORS | SPANGLER |
| HARLESS | PAWLICKI | STELLO | |
| | | | SITE TECH. |
| PROJECT MANAGEMENT | REACTOR SAFETY | OPERATING TECH. | GAMMILL |
| BOYD | ROSS | EISENHUT | STEPP |
| P. COLLINS | NOVAK | SHAO | HULMAN |
| HOUSTON | ROSZTOCZY | BAER | |
| PETERSON | CHECK | BUTLER | SITE ANALYSIS |
| MELTZ | | GRIMES | VOLLMER |
| HELTEMES | AT & I | | BUNCH |
| SKOVHOLT | SALTZMAN | | <input checked="" type="checkbox"/> J. COLLINS |
| | RUTBERG | | KREGER |

| EXTERNAL DISTRIBUTION | | | CONTROL NUMBER |
|--|-------------------|----------------------|----------------|
| <input checked="" type="checkbox"/> LPDR; Walhalla, S.C. | NAT. LAB: | BROOKHAVEN NAT. LAB. | T. 495 MAY |
| <input checked="" type="checkbox"/> TIC: | REG V. IE | ULRIKSON (ORNL) | |
| <input checked="" type="checkbox"/> NSIC: | LA PDR | | |
| ASLB: | CONSULTANTS: | | |
| <input checked="" type="checkbox"/> ACSRS 16 CYS HOLDING/SENT: | Car. B. (1/24/77) | | |

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

January 14, 1977

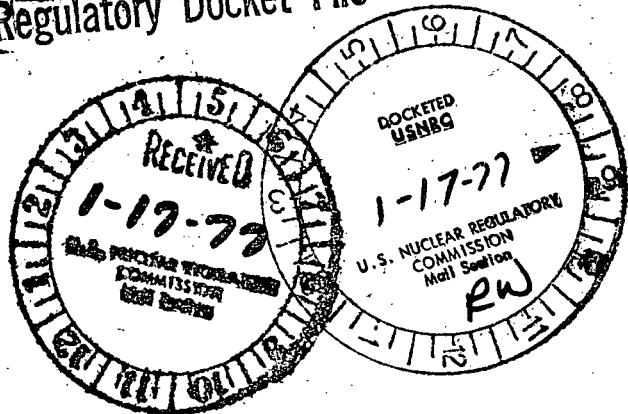
Regulatory Docket File

TELEPHONE: AREA 704
373-4083

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. A. Schwencer, Chief
Operating Reactor Branch #1

Reference: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287



Dear Sir:

My letter of October 1, 1976 provided certain information regarding the Jocassee Dam. This information was requested by members of your staff in a September 21, 1976 meeting. Subsequently, it has been determined that the maximum seismic acceleration for which the Jocassee dam should be designed for is 0.12 g due to a 5.6 M_L seismic event in the Jocassee area. Stability analyses have been completed using the pseudo dynamic approach with parameters deduced from tests made during construction. These analyses demonstrate that the dam will remain intact with a horizontal acceleration of 0.12 g. The Jocassee Dam Consulting Board is in agreement with these conclusions.

The attached December 27, 1976 letter from Mr. G. F. Sowers, Law Engineering Testing Company (Consultant to Duke Power Company) is provided to supplement that information previously submitted.

Very truly yours,

William O. Parker Jr.

William O. Parker, Jr.

by WAH

MST:ge

Attachment

495