

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.

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1/14/77DATE RECEIVED
1/17/77

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DESCRIPTION

ENCLOSURE

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

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)	BRANCH CHIEF:
<input checked="" type="checkbox"/> PROJECT MANAGER:	Neighbors (3)	PROJECT MANAGER:
<input checked="" type="checkbox"/> LIC. ASST. :	Sheppard	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	SIHWEIL	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.
<input checked="" type="checkbox"/> TIC:	REG V. IE	ULRIKSON (ORNL)
<input checked="" type="checkbox"/> NSIC:	LA PDR	
ASLB:	CONSULTANTS:	
<input checked="" type="checkbox"/> ACRS 16 CYS HOLDING/SENT	Car. B. (1/24/77)	

495

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

January 14, 1977

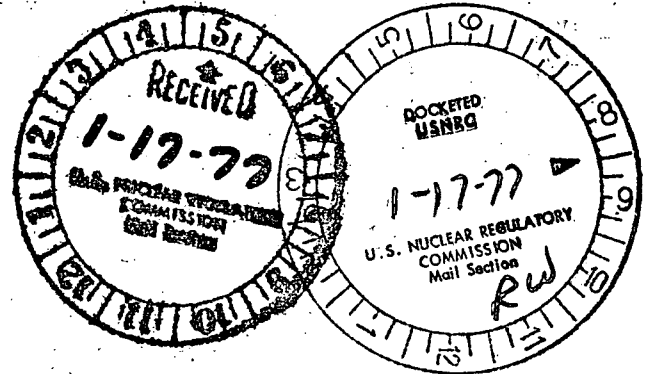
TELEPHONE: AREA 704
373-4083

Regulatory Docket File

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

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