

August 9, 1978

Dockets Nos. 50-269
50-270
and 50-287

Duke Power Company
ATTN: Mr. William O. Parker, Jr.
Vice President - Steam
Production
P. O. Box 2178
422 South Church Street
Charlotte, North Carolina 28242

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Gentlemen:

In order to complete our review of your submittal of July 5, 1978, in regard to the receipt and storage of four Crystal River Unit No. 3 spent fuel assemblies at the Oconee Nuclear Station, we find that we need additional information.

It is requested that you provide the information identified in the enclosure to enable us to complete our review. Kindly submit three signed originals and 37 additional copies within 30 days of receipt of this letter.

Sincerely,

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Enclosure:
Request for Additional
Information

cc w/enclosure: See next page

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OFFICE >	ORB#4:DOR	C-ORB#4:DOR			
SURNAME >	MFairtile:cn	RWReid			
DATE >	8/ /78	8/ /78			

Duke Power Company

cc: Mr. William L. Porter
Duke Power Company
P. O. Box 2178
422 South Church Street
Charlotte, North Carolina 28242

J. Michael McGarry, III, Esquire
DeBevoise & Liberman
700 Shoreham Building
806-15th Street, NW.,
Washington, D.C. 20005

Oconee Public Library
201 South Spring Street
Walhalla, South Carolina 29691

REQUEST FOR ADDITIONAL INFORMATION
CONCERNING MOVING SPENT FUEL
FROM CRYSTAL RIVER 3 TO OCONEE

1. Discuss the occupational exposure for the movement of four spent fuel assemblies from Crystal River 3 to Oconee. Address the expected dose rates in the vicinity of the spent fuel pools at each plant, number of workers involved at each plant and occupancy times for each phase of the operation. Include moving the cask into the fuel building, placing the fuel in or removing it from the cask, and removing the cask from the building. Provide the resultant man-rem exposure.
2. Provide the details for transporting the spent fuel from Crystal River 3 to Oconee (e.g., route, distance, mode of transportation, etc.). Provide the expected man-rem exposure to workers transporting the spent fuel and to the population on the route. Address the expected dose rates, number of people involved, and occupancy times.
3. Provide the burnup and age of the four spent fuel assemblies to be shipped from Crystal River 3 to Oconee.