

April 6, 1976

D. G. Eisenhut, Assistant Director for Operational Technology, DOR

TECHNICAL ASSISTANCE REQUEST NO. ORB-1-233

Your assistance is requested for the following:

PLANT NAME: Oconee Units 1,,2 and 3

DOCKET NOS.: 50-269, 50-270 and 50-287

RESPONSIBLE BRANCH: ORB-1

CONTACT: Gary Zech (ext. 27433)

TECHNICAL REVIEW BRANCHES: Engineering Branch  
Environmental Evaluation Branch

DESCRIPTION OF REQUEST: By the enclosed letters dated June 23, 1975 and December 16, 1975, Duke Power Company (DPC) has identified the design objectives and criteria to be incorporated into the Oconee Station permanent waste management facility.

An interim facility was constructed at Oconee after Units 1 and 2 were licensed and prior to fuel loading of Unit 3. The interim facility was considered necessary after it was determined that the original facility, as described in the FSAP, would not be adequate to process the expected volume of liquid wastes.

It should be noted that the licensee has inferred that the design of the permanent facility involves no unreviewed safety questions as defined in 10 CFR 50.59. In addition, there are no changes to the operating licenses or technical specifications involved in this facility modification.

A review is presently in progress by ETSB regarding the basic design capacities and process flows of the facility. It has been determined that additional review is also necessary in the areas of occupational exposures and the structural design of the facility building and system components.

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You are requested to review the enclosed letters and Safety Analysis Report (submitted with the June 23, 1975 letter) and determine if the proposed facility design has incorporated the appropriate standards and codes as were applied in the original system design. In addition, you are requested to evaluate the occupational exposure levels to be expected as a result of the proposed changes and determine if they are acceptable. In conjunction with your review it is requested that a determination be made whether we agree with the licensee that no unreviewed safety questions are involved as are defined in 10 CFR 50.59.

TARGET DATE FOR COMPLETION: May 14, 1976

Original signed by

Robert A. Purple, Chief  
 Operating Reactors Branch #1  
 Division of Operating Reactors

Enclosures:

1. Letter dtd. 6/23/75  
from Duke Power
2. Letter dtd. 12/16/75  
from Duke Power

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