



UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION II - SUITE 818
230 PEACHTREE STREET, NORTHWEST
ATLANTA, GEORGIA 30303

TELEPHONE: 526-4537

March 8, 1971

Reg File
50-269

Duke Power Company
Attn: Mr. A. C. Thies, Vice President
Production and Operation
Power Building
422 South Church Street
Charlotte, North Carolina 28201

Gentlemen:

This letter relates to the discussion Messrs. C. E. Murphy and C. M. Upright of this office held with Messrs. J. E. Smith, J. W. Hampton, J. C. Rogers, D. H. Beam, and G. L. Hunnicutt of your staff at the conclusion of the inspection conducted on February 24 through 26, 1971, regarding the construction activities authorized by AEC Construction Permit No. CPPR-33.

As noted during the discussion, an item was identified which apparently was not in conformance with statements in the Final Safety Analysis Report and your cleaning procedure as identified below, or which may otherwise raise questions concerning the adequacy of the construction. This item is as follows:

The Final Safety Analysis Report, Sections 4.4.2 and 1B.5.1, specifies the cleaning requirements and procedures for the reactor coolant piping and equipment.

Section 4.4.2 requires the reactor coolant piping and equipment to be cleaned both before and after erection. Section 1B.5.1 requires that detailed written procedures be provided to verify that all quality control requirements for Oconee are met.

The Reactor Coolant System Cleaning Procedure, TP 200 16, states in part, ". . . all necessary precautions shall be taken to prevent contaminants from entering the clean area with the personnel. Examples of contaminants are oil, metal chips, wire, scale, sawdust, grease, sand, organic materials, chemicals, paint, and any other foreign materials."

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Contrary to these requirements, the clean area established in the reactor vessel after cleaning was not properly protected or adequately inspected to prevent the vessel internals from being recontaminated by wood splinters from the access ladder rungs. In addition, a strip of polyethylene was trapped between the mating flanges of the core support shield and the core barrel and was not removed.

Please provide us, within 30 days, with your comments concerning this item and any steps which have been or will be taken to correct it and to minimize recurrence including any appropriate changes that have been or will be made to your quality assurance program.

Should you have any questions concerning this matter, you may communicate directly with this office.

Sincerely,

Original Signed By
J. G. Davis

John G. Davis
Director

CO:II:CEM

bcc: J. B. Henderson, CO:HQ (4) ←
A. Giambusso, CO:HQ
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