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YANKEE ATOMIC ELECTRIC COMPANY



20 Turnpike Road Westborough, Massachusetts 01581

June 19, 1978

United States Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Victor Stello, Director
Division of Operating Reactors

Reference: License No. DPR-3 (Docket No. 50-29).

Dear Sir:

Subject: Containment Electrical Penetration End Seals at Yankee Rowe

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GENERAL SERVICES
DIVISION
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During recent conversations with members of your staff, Yankee has been made aware of potential problems with the end seals for containment electrical penetrations containing mineral insulated cables at Connecticut Yankee. Though we do not believe that the Connecticut Yankee tests are representative of conditions at Yankee Rowe, Yankee has decided to modify the affected safety related end seals at Yankee Rowe. The proposed modification would incorporate the environmentally qualified design which has been recently installed at the Connecticut Yankee facility and qualified at the Franklin Laboratories.

Yankee is currently proposing to commence this modification following a plant shutdown on June 24, 1978. It is presently felt that this allows adequate time for procurement of material and preparation of sufficient design change documentation and installation procedures.

In addition we are planning to initiate a test program to verify the integrity of the Yankee Rowe end seals under the Yankee Rowe environmental conditions. This testing will be initiated immediately on the sample end seals. Any significant new findings resulting from these tests will be discussed with your staff if the need arises.

We trust that this information is satisfactory, however; should you desire additional information please call us.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

L. H. Heider
Assistant Vice President Operations
and Engineering

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DOC TYPE: LETTER NOTARIZED: NO

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SUBJECT: FURNISHING INFO CONCERNING POTENTIAL PROBLEMS WITH THE CONTAINMENT ELEC
PENETRATION END SEALS AND ADVISING OF APPLICANT'S INTENTIONS TO MODIFY THE
AFFECTED SAFETY RELATED END SEALS AT SUBJECT FACILITY.

PLANT NAME: YANKEE ROWE

REVIEWER INITIAL: XJM
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