Telephone 617 366-9011 TWX 710-390-0739

YANKEE ATOMIC ELECTRIC COMPANY

WYR 78-55



20 Turnpike Road Westborough, Massachusetts 01581

June 26, 1978

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

Attention: Office of Nuclear Reactor Regulation

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

Dear Sir:

Subject: Yankee Rowe Containment Electrical Penetration MI Cable End Seals

During recent conversations with members of your staff, Yankee has been made aware of potential problems with containment electrical penetration mineral insulated cable and seals at Connecticut Yankee.

Though the Connecticut Yankee end seals are of a similar design to those used at Yankee Rowe, the environmental conditions at Yankee Rowe are less stringent than at Connecticut Yankee; therefore, we do not necessarily anticipate similar problems. However, as a precautionary measure we are proposing to take corrective action similar to that taken by Connecticut Yankee.

The only equipment inside the containment required to be operational subsequent to a LOCA are 3 Post-Accident Hydrogen Recirculation fans and 2 hydrogen sampling solenoid valves. We are proposing to modify the end seals associated with this equipment with a design identical to that recently approved for use at Connecticut Yankee on their end seals.

The above modifications will be completed by June 27, 1978, and will be accomplished by means of an Engineering Design Change Request. This modification has been reviewed by the Nuclear Safety Audit and Review Committee.

This letter supersedes our letter No. WYR 78-54 dated June 19, 1978 on the same subject; information contained therein should be disregarded in its entirety.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

L. H. Heider Assistant Vice President Engineering & Operations

Nor 210

8011030736

N06/30/20

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS) -- BISTRIBUTION FOR INCOMING MATERIAL

50-029

REC: NRC ORG: HEIDER L H YANKEE ATOMIC ELEC

DOCDATE: 06/26/78 DATE RCVD: 06/29/78

DOCTYPE: LETTER NOTARIZED: NO COPIES RECEIVED SUBJECT LTR 3 ENCL O FURNISHING INFO RE APPLICANT'S PROPOSED MODIFICATION PERTAINING TO THE ELEC PENETRATION MI CABLE END SEALS AT SUBJECT FACILITY.

PLANT NAME: YANKEE ROWE

REVIEWER INITIAL: MLX DISTRIBUTOR INITIAL: 4

***************** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS ******************

GENERAL DISTRIBUTION FOR AFTER ISSUANCE OF OPERATING LICENSE. (DISTRIBUTION CODE A001)

FOR ACTION:

BR CHIEF ORB#2 BC**LTR ONLY(7)

INTERNAL:

EG FILE TR ONLY(1) & E**LTR ONLY(2) HANAUER**LTR ONLY(1) AD FOR SYS & PROJ**LTR ONLY(1) ENGINEERING BR**LTR ONLY(1) REACTOR SAFETY BR**LTR ONLY(1) PLANT SYSTEMS BR**LTR ONLY(1) EEB**LTR ONLY(1) J. MCGOUGH**LTR ONLY(1)

NRC PDR**LTR ONLY(1) OELD**LTR ONLY(1) CORE PERFORMANCE BR**LTR ONLY(EFFLUENT TREAT SYS**LTR ONLY(1

EXTERNAL:

LPDR'S GREENFIELD, MA**LTR ONLY(1) TIC##LTR ONLY(1) NSIC**LTR ONLY(1)

ACRS CAT B**LTR ONLY(16)

DISTRIBUTION: LTR 40 ENCL O S17E: 1P

CONTROL NER: