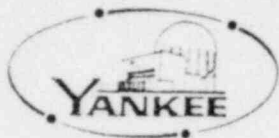


YANKEE ATOMIC ELECTRIC COMPANY



20 Turnpike Road Westborough, Massachusetts 01581

February 14, 1975



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

Attention: Office of Nuclear Reactor Regulation

Reference: (a) License No. DPR-3 (Docket No. 50-29)
(b) USAEC Letter to YAEC dated 12/17/74
(c) YAEC Letter to USAEC dated 1/20/75

Dear Sir:

Reference (b) requested that we conduct an investigation at the Yankee Rowe plant to determine if the failure of any non-Category I equipment could result in flooding or the release of chemicals that could jeopardize safe shutdown of the facility. The results of this investigation are outlined in Reference (c). The details of the permanent modifications that will be implemented are as follows:

1. Primary Auxiliary Building

Sufficient openings will be provided in the Primary Auxiliary Building (PAB) to prevent the flooding of Motor Control Center 4. These openings will be provided at ground level to allow for the egress of water from a postulated rupture of service water piping. An opening will be made at the bottom of the double door in the north wall. The dimensions of this opening will be 5'-0" wide by 1'-0" high. Additional exit paths will be provided at ground level along the north wall. These will consist of three 1'-0" by 1'-0" openings. The spacing of these holes will be determined by equipment locations along the wall. Louvers will be installed in the openings.

2. Redundant Alarms

To alert the Control Room operators of increasing water level in the PAB, redundant switches will be installed in the floor sump. These float switches will activate an alarm in the Rad Waste Building and also in the Control Room if a high water level in the sump is detected by either of the switches.

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3. Diesel Generator Building

The interconnecting door between the PAB and the Diesel Generator Building will be remounted and gasketed to prevent water leakage from impairing the operability of the 480V switchgear comprising Emergency Buses 1, 2 and 3. In addition, the door will be equipped with a closure switch that will activate an alarm in the Rad Waste Building and the Control Room if the door is left open longer than 30 seconds.

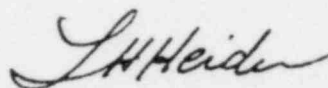
4. Implementation Schedule

Implementation of these modifications will be accomplished as soon as possible and the completion date will be no later than June 1, 1975.

We trust the above information is responsive to your letter; however, should you desire additional information feel free to contact us.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



L. H. Heider
Manager of Operations

TWG/kg

CONTROL NO: 1868

FILE: INCIDENT REPORT

FROM: Yankee Atomic Elec. Co. Weatherough, Mass. 01581 J.H. Walker		DATE OF DOC 2-14-75	DATE REC'D 2-20-75	LTR XX	TWX	RPT	OTHER
TO: NRC		ORIG 3 signed	CC 37	OTHER	SENT AEC PDR SENT LOCAL PDR		XX
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 40	DOCKET NO: 50-29		

DESCRIPTION: Ltr re our 12-17-74 ltr & YABC ltr dated 1-20-75.....furnishing addl info re failure of an non-Category I equipment that could result in flooding or the release of chemicals that could jeopardize safe shutdown of the facility

ENCLOSURES:

Do Not Remove

PLANT NAME: Yankee Rowe

FOR ACTION INFORMATION DHL 2-21-75

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