



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

February 7, 1974

V2B-C

Docket No. 50-219

Jersey Central Power & Light Company
ATTN: Mr. I. R. Finfrock, Jr.
Vice President - Generation
Madison Avenue at Punch Bowl Road
Morristown, New Jersey 07960

Gentlemen:

Your letter dated November 21, 1973, responded to our letters dated July 3 and August 7, 1973, in part, regarding protection of equipment important to safety against flooding due to rupture of non-Category I equipment or piping in the Oyster Creek facility. Following are items of concern regarding your response:

1. You stated that the condenser room, which contains feedwater and condensate pumps and 460V MCCs, is closed off from the adjacent (main condenser) rooms by four double doors that are normally in the closed position. Figure I-4-9, "General Arrangement, Turbine Building - Basement Floor Plan", shows these doors, two parallel sets of two doors in series, open outward relative to the main condenser room. Based on the flooding rate of the main condenser room, 1 foot per minute as stated in your response, the doors would be subjected to a relatively high head of water within a short period of time. Explain how the doors are designed to remain closed and watertight against the expected head of water that would occur if the condenser circulating water pumps were to continue operating for a period of up to 15 minutes after rupture of the condenser circulating water pipe expansion joint. Describe the damage that could occur to equipment important to safety and the consequences relating to safe shutdown of the facility if the pumps should continue operating and if the doors are forced open. Explain how procedures would mitigate the consequences of such an occurrence.
2. Explain how equipment important to safety in the condensate pump room is protected from rupture of the condensate transfer piping to the condensate storage tanks.

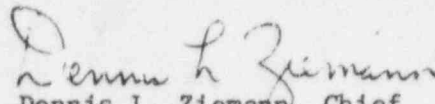
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3. Piping exists near the ceiling in the room containing the 4160 kV switchgear. Is this piping designed as Category I? If the pipe is non-Category I design, explain the consequences of its rupture regarding safe shutdown of the facility.

Submit one original and thirty-nine copies of your response to the above items within 30 days of the date of this letter.

Sincerely,


Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Directorate of Licensing

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