



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

Docket Files

December 19, 1973

Docket Nos. 50-237, 50-249,
50-254 and 50-265

Commonwealth Edison Company
ATTN: Mr. J. S. Abel
Nuclear Licensing Administrator -
Boiling Water Reactors
Post Office Box 767
Chicago, Illinois 60690

Gentlemen:

The Regulatory staff is presently reviewing the dynamic effect on the torus structure of relief valve blowdowns into the torus water as presented in General Electric Company (GECO) Report NEDO-10859, "Steam Vent Clearing Phenomena and Structural Response of the BWR Torus", dated April 1973 and Errata and Addenda Sheet dated May 21, 1973. The data presented in this report are based on tests performed by GECO at Quad-Cities Unit 2.

As the result of our review of the above reports we find the following information relating to your facility is needed to supplement the information in the GE report:

1. A summary of the number of each relief valve operation, how initiated (manually or automatically), and when the operations occurred, such as during startup testing, other testing or normal operation. The summary of these operations should be separated into six-month periods from the initiation of facility startup tests to the present time. This information is requested within 30 days of the date of this letter. Future relief valve operations should be reported in the facility semi-annual operating reports in the manner requested above.

(f/concurrence see copy in central files)

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2. A proposed technical specification for Limiting Condition of Operating (LCO) and Surveillance Requirements of the torus structure. Your proposal should include inspection requirements and frequencies for surface coatings, structural deformation and material corrosion. Include with your proposed technical specifications the bases for the LCO and Surveillance Requirements. It is requested that you submit these proposed technical specifications within 60 days of the date of this letter.

One original and thirty-nine copies of your submittal are required.

Sincerely,

Dennis L. Ziemann

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

cc: Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company
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