

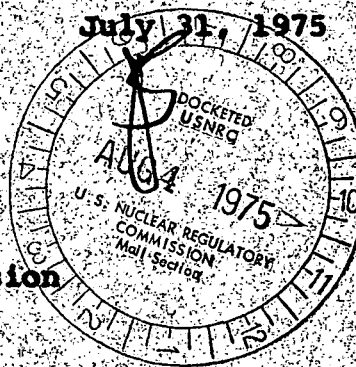


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Regulatory

File Cy

**Mr. Dennis L. Ziemann, Chief
Operating Reactors - Branch 2
Division of Reactor Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555**



**Subject: Dresden Station Units 2 and 3
Quad-Cities Station Units 1 and 2
Additional Mark I Containment Design Information
NRC Dkts. 50-237, 50-249, 50-254, and 50-265**

Dear Mr. Ziemann:

In response to your letter dated April 17, 1975 which requested, pursuant to 10 CFR 50.54(f), containment design information concerning loss-of-coolant accident (LOCA) hydrodynamic loads, the following has been provided:

1. A letter to D. L. Ziemann from J. S. Abel dated May 7, 1975. This letter indicated that the potential structural implications of the LOCA hydrodynamic loads has been reviewed and indicated the conclusion that the integrity and safety performance of the containment are maintained during normal transient and accident conditions applicable to the subject facilities.
2. A letter to D. L. Ziemann from J. S. Abel dated July 8, 1975. This letter indicated that the letter to R. L. Tedesco from Ivan F. Stuart dated June 13, 1975 was applicable to the subject facilities. Additionally, the J. S. Abel July 8 letter indicated that a G.E. topical report would be forthcoming in mid-July 1975 to document the S/R valve vent clearing model. This has been transmitted to you via the July 8, 1975 J. L. Embley to W. R. Butler, G.E. letter, and is applicable to the subject facilities.
3. A G.E. letter to R. R. Maccary from G. L. Gyorey dated June 26, 1975. This letter further documented and updated the G.E. reference plant analysis presented to the NRC on April 10, 1975 and included responses to commitments made in that presentation.

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4. To further supplement your review as agreed upon in the July 17, 1975 meeting in Bethesda, General Electric has prepared a Mark I Containment Status Report. This report was transmitted to the NRC by General Electric's July 31, 1975 letter to Mr. A. Giambusso from I. F. Stuart. This report summarizes the Mark I short and long term programs and provides the status as of July 18, 1975; the report is applicable to the subject facilities and includes a discussion of the applicability of the reference plant analyses referred to in Item 3 above to the subject facilities.

Based on a review of this information, we have concluded that the integrity and safety performance of the primary containments of the subject facilities will be maintained under postulated LOCA loads including the hydrodynamic loads identified in your letter dated April 17, 1975. This conclusion will be fully documented by detailed analyses which will be submitted in September 1975; we will also be submitting our planned long term program course of action at that time. On the bases of the existing evaluations and the extremely low probability of a LOCA event occurring during the short time period required to complete the analyses which would result in the postulated loads, it is our conclusion that the operating licenses for the subject facilities should be continued unmodified.

Three (3) signed originals and 37 copies of this information are submitted for your review.

Very truly yours,



R. L. Bolger
Assistant Vice President

Attachment

SUBSCRIBED and SWORN to
before me this 31st day
of July, 1975.

Nancy M. Hollingsworth
Notary Public

