

MAR 17 1981

Docket No. 50-358

Mr. Earl A. Borgmann  
Vice President - Engineering  
Cincinnati Gas & Electric Company  
P. O. Box 960  
Cincinnati, Ohio 45201

Dear Mr. Borgmann:

SUBJECT: SEISMIC REVIEW OF ZIMMER NUCLEAR PLANT

DISTRIBUTION:

- ~~Bucket File~~
- NRC PDR
- Local PDR
- LB#2 File
- DEisenhut
- RPurple
- RTedesco
- ASchwencer
- IPeltier
- MService
- IE(3)

- BCC: NSIC
- TERA
- TIC
- ACRS (16)

The staff is continuing its review of the seismic design of the Zimmer Nuclear Station and requests the enclosed additional information. Please advise us when you plan to respond to this request.

Sincerely,

Original signed by  
Robert L. Tedesco

Robert L. Tedesco, Assistant Director  
for Licensing  
Division of Licensing

Enclosure:  
As stated

cc: See next page



*[Handwritten signature]*

DL:LB#2, DL:LB#2, DL:AD-L  
 IPeltier:ph ASchwencer RTedesco  
 3/13/81 A3/ /81 3/ /81  
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Mr. John Youkilis  
Office of The Honorable William Gradison  
United States House of Representatives  
Washington, D. C. 20515

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REQUEST FOR JUSTIFICATION

DOCKET NUMBER 50-358

130.0 Structural Engineering Branch

130.31 It is stated in Section 3.7.2 1.2.7.1 of the FSAR "When the piping system is being anchored and supported at points with different excitations, the response spectrum analysis is performed using the response spectrum above the center of mass of the piping system."

This approach is inconsistent with the staff's position delineated in Section 3.7.3 of the SRP. The staff's position requires that an envelope of all pertinent response spectra be used for the analysis of systems spanning between two or more supports.

Please provide technical justifications for the deviation and demonstrate that your approach would result in an equivalent or more conservative analysis than is required. The justifications may consist of a comparison of inputs, a comparison of selective results, or a combination of both.

**POOR ORIGINAL**