



Westinghouse  
Electric Corporation

Water Reactor  
Divisions

Nuclear Technology Division

Box 355  
Pittsburgh Pennsylvania 15230

September 17, 1982

NS-EPR-2658

Mr. Carl Berlinger, Chief  
Core Performance Branch  
Division of Systems Integration  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Phillips Building  
7920 Norfolk Avenue  
Bethesda, Maryland 20014

ATTENTION: Dr. Ralph O. Meyer, CPB

SUBJECT: Westinghouse Position on Regulatory Guide 1.92, "Combining  
Modal Responses and Spatial Components in Seismic Response  
Analysis" for Fuel Assembly Structural Analysis

Dear Mr. Berlinger:

Enclosed are:

1. One (1) copy of the Westinghouse position on Regulatory Guide 1.92, "Combining Modal Responses and Spatial Components in Seismic Response Analysis" for fuel assembly structural analysis (Proprietary).
2. One (1) copy of the Westinghouse position on Regulatory Guide 1.92, "Combining Modal Responses and Spatial Components in Seismic Response Analysis" for fuel assembly structural analysis (Non-Proprietary).

Also enclosed are:

1. One copy of original affidavit.
2. One copy of application for withholding from public disclosure.

Regulatory Guide 1.92, revision 1 describes (1) the NRC position regarding methods of combining the values of the response of individual modes in a response spectrum model dynamic analysis to find the representative maximum value of a particular response of interest for the design of a given element of a nuclear power plant structure, system or component; and (2) the combining of maximum values or the representative maximum values of the response of a given element of a structure, system or component, when such values are calculated independently for each of the three orthogonal spatial components of an earthquake.

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Mr. C. Berlinger  
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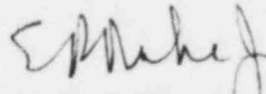
This letter responds to a verbal request made by Dr. R. P. Gupta of your staff relative to how the intent of the regulatory position given in this regulatory guide is met by Westinghouse in fuel assembly structural analysis.

Please let us know if you have any questions or require further information.

This submittal contains proprietary information of Westinghouse Electric Corporation. In conformance with the requirements of 10CFR2.790, as amended, of the Commission's regulations, we are enclosing with this submittal, an application for withholding from public disclosure and an affidavit. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission.

Correspondence with respect to the affidavit or application for withholding should reference AW-82-55 and should be addressed to R. A. Wiesemann, Manager of Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230.

Very truly yours,



E. P. Rahe, Jr., Manager  
Nuclear Safety Department

MDB/kk  
Attachment

cc: R. L. Stright (SNUPPs)