



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

December 2, 1985

Docket Nos: 50-327
and 50-328

Mr. H. G. Parris
Manager of Power & Engineering, Nuclear
Tennessee Valley Authority
6N011B Missionary Ridge Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Mr. Parris:

Subject: Use of ASME Code Cases N-397 and N-411 for the Sequoyah
Nuclear Plant Units 1 and 2

The staff completed its review of the Tennessee Valley Authority (TVA) request for authorization to use ASME Code Case N-397 on spectral shifting and ASME Code Case N-411 for damping as alternatives to the guidance in Regulatory Guides 1.122 and 1.61, respectively, as discussed in the applicant's letters dated August 5 and 13, 1985.


Code Case N-397, "Alternate Rules to the Spectral Broadening Procedures of N-1226.3 for Classes 1, 2, and 3 Piping Section III, Division 1" is an acceptable Code Case and is approved by the staff for specific plant applications pending revision of Regulatory Guide 1.122. The Code Case is approved as written with no additional requirements other than those specified in the Code Case.

Code Case N-411, "Alternative Damping Values for Seismic Analysis of Piping Section III Division 1 Class 1, 2, and 3 Construction" is a conditionally acceptable Code Case and is approved by the staff for specific plant applications pending revision of Regulatory Guide 1.61. In addition to the information provided in the August 5 and 13, 1985, letters, TVA must submit the following commitments before the staff can approve this request:

- (a) Commit to use the case for piping systems analyzed by response spectrum methods and not those using time-history analysis methods.
- (b) When the alternate damping criteria of this code case are used, they will be used in their entirety in a given analysis and shall not be a mixture of Regulatory Guide 1.61 criteria and the alternated criteria of this code case.

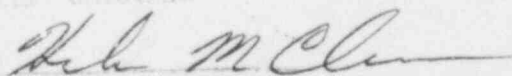
Sincerely,

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P PDR


Harold R. Denton, Director
Office of Nuclear Reactor Regulation

cc: See next page

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Sequoyah Nuclear Plant

cc:

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