



Tennessee Valley Authority, P.O. Box 2000, Decatur, Alabama 35604

MAY 06 1992

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Gentlemen:

In the Matter of	)	Docket Nos. 50-259
Tennessee Valley Authority	)	50-260
		50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - HEATING, VENTILATION AND AIR  
CONDITIONING (HVAC) SEISMIC DESIGN CRITERIA - RESPONSE TO REQUEST FOR  
ADDITIONAL INFORMATION

Reference: TVA letter dated November 15, 1991, Heating, Ventilation  
and Air Conditioning (HVAC) Seismic Design Criteria

This letter provides notification that BFNs seismic design criteria for  
Class I HVAC duct and supports has been revised to address specific  
questions expressed during staff review.

BFN submitted seismic design criteria for ductwork and supports of  
Class I HVAC systems (BFN-50-C-7104 Revision 6) in the above reference as  
a post restart TVA Nuclear Performance Plan commitment. TVA met with the  
staff on January 23, 1992, at NRC headquarters in Rockville, Maryland to  
support technical review of the criteria. Subsequently, BFN and the  
technical reviewer(s) held several teleconferences to resolve emergent  
technical questions. As a result of the meeting and teleconferences  
mentioned above, TVA agreed to revise specific sections of the Class I  
HVAC seismic design criteria.

The enclosure to this letter provides a summary of NRC questions/requests  
and the corresponding revision to the Class I HVAC seismic design  
criteria. The revised criteria, BFN-50-C-7104, Revision 7, is available  
for NRC Staff review at the TVA Rockville, Maryland office.

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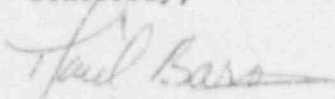
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There are no new commitments contained in this letter. If you have any questions, contact me at (205) 729-7566.

Sincerely,



R. R. Baron  
Manager of Site Licensing

Enclosure

cc (Enclosure):

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ENCLOSURE

BROWNS FERRY NUCLEAR PLANT  
HVAC SEISMIC DESIGN CRITERIA

1. NRC Question

Clarify section 1.3.1.3 of the Class I HVAC seismic design criteria (BFN-50-C-7104) with respect to the methodology for summation of two sets of seismic forces.

TVA Response

Sections 1.3.1.3 and 1.6 of the Class I HVAC seismic design criteria have been revised to more clearly explain the methodology to be used in the determination of the resultant of two sets of loading combinations.

2. NRC Question

Does the Class I HVAC seismic criteria adequately accommodate normal operating and accident load combinations (excluding earthquake loads)?

TVA Response

Paragraph 1 of Section 1.6 on page I-7, Section 1.7.1 on page I-8, and paragraph 1 of Section 1.8.1 on page I-9 of the Class I HVAC seismic design criteria have been revised to require evaluation for normal operating conditions and to specify allowables to be used in the evaluation.