

TENNESSEE VALLEY AUTHORITY

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FEB 16 1990

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

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket Nos. 50-259
50-260
50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - UNITS 1, 2, 3 - TIME INTERVAL OF
INTEGRATION FOR SEISMIC ANALYSIS

This letter serves to document that the time interval of integration used in the analyses of BFN Seismic Class I structures is 0.005 seconds.

Currently the Browns Ferry Final Safety Analysis Report (FSAR), Section 12.2.2.8.1, Dynamic Earthquake Analysis - Reactor Building Structure, notes that the integration interval used in the response calculations for the Reactor Building is 0.005 seconds. No specific definition of the seismic analysis time interval of integration for other Seismic Class I structures is provided.

As part of the FSAR verification and update, in accordance with 10 CFR 50.71, scheduled to be submitted by July 22, 1990, this statement in 12.2.2.8.1 will be revised to clarify this issue. The time interval of integration of 0.005 seconds is used in the seismic analysis of the Reactor Building structure and in the seismic analyses of the other Seismic Class I structures.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

My Ray Jr.
Manager, Nuclear Licensing
and Regulatory Affairs

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission

FEB 16 1990

cc (Enclosure):

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ENCLOSURE

List of Commitments
Time Interval of Integration for Seismic Analysis

As part of the FSAR verification and update, in accordance with 10 CFR 50.71, scheduled to be submitted by July 22, 1990, Section 12.2.2.8.1 will be revised to indicate the following. The time interval of integration of 0.005 seconds is used in the seismic analysis of the Reactor Building structures and in the seismic analyses of the other seismic Class I structures.