

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

December 20, 1982

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Ms. Adensam:

In the Matter of the Application of)	Docket Nos. 50-390
Tennessee Valley Authority)	50-391

The following information is provided to facilitate NRC use of the computer card deck containing the time histories of the four artificial earthquakes used for Watts Bar.

1. These artificial earthquakes were originally used for the Sequoyah Operating Basis Earthquake (OBE) and must be multiplied by 1.6 to obtain the WBN OBE and 3.2 to obtain the Watts Bar Safe Shutdown Earthquake.
2. The records are at equal time intervals of 0.01 seconds.
3. The first card of each deck contains the names of the artificial earthquake (A, B, C, and D), total number of time points (3000) and first time and first acceleration (0.0, 0.0) the remaining cards have the remaining times and accelerations.
4. The format for the cards is:

15A4 I4 F6.0/F7.0 (first card)
10F7.0 5 sets/card (remainder of cards)

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PDR ADOCK 05000390
A PDR

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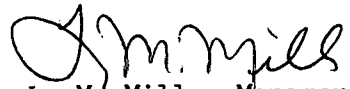
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If you have any questions concerning this matter, please get in touch with D. P. Ormsby at FTS 858-2682.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


L. M. Mills, Manager
Nuclear Licensing

Sworn to and subscribed before me

this 20th day of December 1982.

Paulette H. White
Notary Public

My Commission Expires 9-5-84

cc: U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303