

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

REGULATORY DOCKET FILE COPY

Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Case:

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

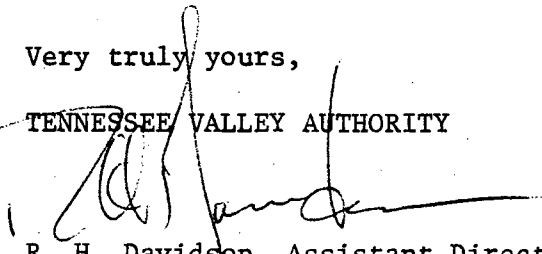
Submitted herewith for your review are 60 copies of Amendment 33 to the application for an operating license for the Watts Bar Nuclear Plant.

Included in this amendment are:

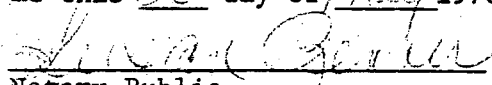
1. TVA's revised response to 16 round one questions, including revised text.
2. Various miscellaneous text revisions with major revisions to:
 - a. Section 2.1, Site Characteristics
 - b. Section 3.10, Seismic Design of Category I Instrumentation and Electrical Equipment
3. Eight new figures, 116 revised figures, and major revisions to the figures in sections 2.1 and 3.6.
4. Eighteen new tables and various revisions including extensive revision of tables in Section 9.4, Failure Modes and Effects Analysis.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


R. H. Davidson, Assistant Director
Division of Power Resource Planning

Subscribed and sworn to before
me this 26th day of May 1978


Notary Public

My Commission Expires 9/7/78

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Enclosure (60)

Boo1
5/31/78
22/20