

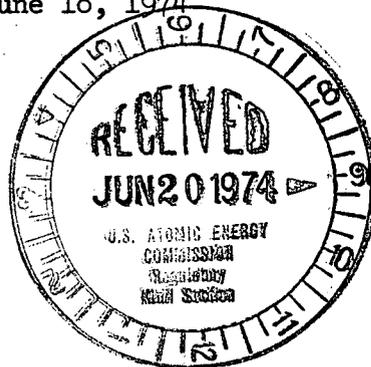
TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401



ANNIVERSARY
OF PEOPLE IN
PARTNERSHIP



June 18, 1974



Mr. Karl Kniel, Chief
Light Water Reactors Branch 2-2
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, DC 20545

Dear Mr. Kniel:

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

Submitted herewith are 15 copies of Amendment 1 to the report, "Investigation of Foundation Conditions for Units 1 and 2 Watts Bar Nuclear Plant." This amendment presents the details and results of the carbon-14 and potassium-argon dating of material from the foundation area.

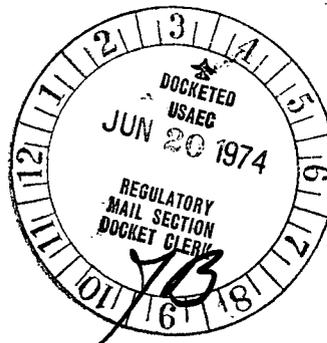
This submittal completes our investigation.

Very truly yours,

J. E. Gilleland
J. E. Gilleland

Assistant to the Manager of Power

Enclosure (15)



CONTENTS OF AMENDMENT 1

Amendment 1 to TVA's report on "Investigation of Foundation Conditions for Unit 1 and 2 - Watts Bar Nuclear Plant" - April 1974 is submitted to provide information on (1) the results of carbon 14 dating of organic material from terrace deposits overlying bedrock at the site and (2) the results of K-Ar dating of glauconite obtained from the Middle Cambrian Conasauga Formation in the foundation.

INSTRUCTIONS FOR INSERTING AMENDMENT 1

Insert the enclosed Amendment 1 immediately after page 19.