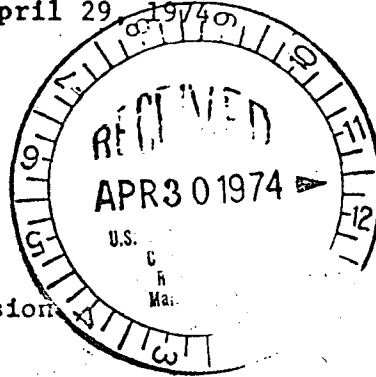


TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401

April 29 1974



ANNIVERSARY
OF PEOPLE IN
PARTNERSHIP

Mr. Karl Kniel, Chief
Light Water Reactors Branch 2-2
Directorate of Licensing
United States 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

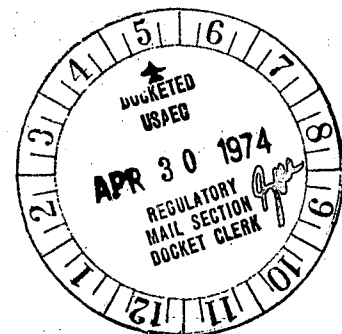
Your letter dated January 25, 1974, requested that we submit a report documenting the geology of the Watts Bar site as it existed when observed by your staff geologist in December. Because much of the foundation rock in the reactor areas was not exposed in December 1973, the report has been delayed until foundation excavation was completed so that the geologic conditions of the entire foundation area could be evaluated. As discussed with members of your staff, submitted herewith are 15 copies of the subject report, "Investigation of Foundation Conditions for Unit 1 and 2 Watts Bar Nuclear Plant."

As detailed in this report, age dating of the faults and terrace deposits is in progress and the results will be forwarded as an addendum to this report upon completion of the analyses.

Very truly yours,

J. E. Gilleland
Assistant to the Manager of Power

Enclosure (15)



3840

REGULATORY DOCKET FILE COPY