

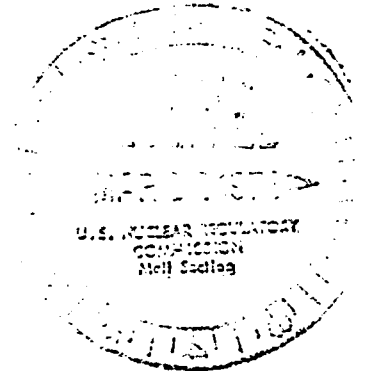
TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

830 Power Building

March 16, 1978

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

Enclosed for your information is a revised water use diagram (Enclosure 1), a revised flow table (Enclosure 2), and a report related to reservoir temperatures resulting from proposed operation of the Watts Bar Nuclear Plant (Enclosure 3). This information was submitted to EPA by letter (Enclosure 4) from Harry G. Moore, Jr., to John C. White dated February 24, 1978, for their use in completing the NPDES permit for this facility.

The enclosed thermal report supplements other thermal information previously provided to you, including the supplement No. 3 to Watts Bar Nuclear Plant environmental information. This thermal information was submitted to EPA to support the inclusion of language according to Section 316(a) of the Federal Water Pollution Control Act allowing the thermal limit to be exceeded when ambient temperatures approach or exceed the maximum allowable temperature.

Enclosure 5 contains the latest project authorization cost estimates for Watts Bar Nuclear Plant.

Very truly yours,

James P. Gilleland
for J. E. Gilleland
Assistant Manager of Power

Enclosures (41)

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