



830 Power Building
TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

June 30, 1976



Mr. Benard C. Rusche
Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Regulatory Docket File

Dear Mr. Rusche:

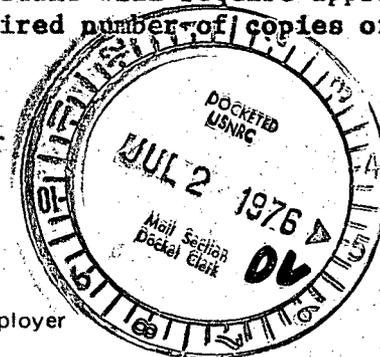
In the Matter of the Application of) Docket Nos. 50-390
Tennessee Valley Authority) 50-391

The Tennessee Valley Authority hereby submits Amendment No. 23 to its application for Class 103 permits to construct and licenses to operate the Watts Bar Nuclear Plant units 1 and 2, and requests authorization to operate each unit for a period of 40 years at power levels up to 3,411 MW thermal. In addition, TVA also requests such special nuclear material and byproduct material licenses necessary and appropriate to the fueling and operation of each unit. TVA will require the operating licenses on or before December 1, 1978, for unit 1 and September 1, 1979, for unit 2.

The information contained in this amendment is listed below along with the number of copies sent for your completeness review.

1. Fifteen copies of the Watts Bar Nuclear Plant Final Safety Analysis Report (FSAR), including seven copies of EI&C drawings required by section 1.7.
2. Ten copies of the revised Information Pursuant to 10 CFR Section 50.33 of the Commission's Rules and Regulations.
3. Three copies of the Watts Bar Nuclear Plant Physical Security Plan. (Pursuant to 10 CFR Section 2.790 we hereby request that this document be treated as proprietary information.)
4. Fifteen copies of the Watts Bar Nuclear Plant Radiological Emergency Plan will follow within two weeks.

Upon your determination of the acceptability of this amendment to the application for docketing, which we understand will require approximately 30 days, we will formally submit the required number of copies of our application.



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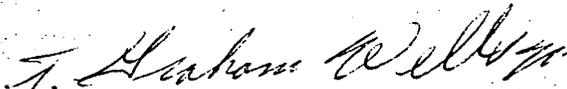
Mr. Benard C. Rusche

June 30, 1976

As indicated in J. E. Gilleland's letter to you dated April 9, 1976, and in our meeting of May 25, 1976, TVA is conducting a review to determine whether matters discussed in the November 1972 environmental statement have changed or whether there is new information in addition to that discussed in the environmental statement. As discussed in that meeting, the length of time necessary for environmental review will probably be substantially less than the period required for the health and safety review. Consequently, we expect that a timely resolution of our respective environmental responsibilities will not impact the operating license review schedule. In the near future, we will communicate further with you regarding the operating stage environmental review.

The Watts Bar FSAR has generally been prepared under Revision 2 of Regulatory Guide 1.70. The format of the FSAR conforms to the Revision 2 format with exception of chapters 4, 5, and 15 which are written to Revision 1 format.

Very truly yours,



T. Graham Wells, Jr.
Assistant Manager of Power

Subscribed and sworn to before
me this 30th day of June 1976



Notary Public

My Commission Expires 10/10/78

Enclosure

Distribution for Tendered Application

Central Files, 1 set Appl, SAR, [REDACTED]

NRC PDR, 1 set Appl, SAR, [REDACTED]

Local PDR, 1 set Appl, SAR, [REDACTED] - DAYTON, TN

LPM, 1 set Appl, SAR, [REDACTED] - SILVER

EPM, [REDACTED], 1 cy Section 2 SAR - **SCALETTI**

ATG, 3 cys Appl, [REDACTED]

LA (Safety) - Appl only - **SERVICE**

Regulatory Docket File

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Engineering Branches, SAR - **McCARRI**

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Aux & Power Conv Systems, SAR (less Section 4 & 15) - **BENAROTA**

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[REDACTED]

[REDACTED]

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Hydrology-Meteorology, [REDACTED] SAR - **HULMAN**

Inspection & Enforcement

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Division of Field Operations, SAR Section 17 (2 copies)

[REDACTED]

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