

NOV 16 1977

Docket No. 50-390 and 50-391

Tennessee Valley Authority  
ATTN: Mr. Godwin Williams, Jr.  
Manager of Power  
830 Power Building  
Chattanooga, Tennessee 37201

Gentlemen:

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION ON WATTS BAR

Enclosed are requests for additional information in the areas of Quality Assurance and Conduct of Operations. This information should be submitted by December 15, 1977 in order to keep in schedules.

Original signed by:

Steven A. Varga, Chief  
Light Water Reactors Branch No. 4  
Division of Project Management

Enclosure:  
As Stated

cc:  
See next page

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OFFICE	DPM:LWR #4	DPM:LWR #4			
SURNAME	CStahle	SAVarga			
DATE	11/15/77	11/15/77			

Tennessee Valley Authority

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Chattanooga, Tennessee 37401

Watts Bar Nuclear Plant  
Request for Additional Information

421.0                    QUALITY ASSURANCE

421.1                    Tennessee Valley Authority (TVA) has committed to Section 17.2  
(17.2.2)                    of TVA Topical Report TVA-TR-75-1 entitled "Quality Assurance  
Program Description for the Design, Construction, and Operation  
of TVA Nuclear Power Plants" for the operational phase of Watts  
Bar Nuclear Power Plants, Unit Nos. 1 and 2.

Section 17.2.2 of TVA-TR75-1 Revision 2 states that: "Critical structures, systems, and components (CSSC) covered by the operational QA program are identified in the FSAR for the plant. The CSSC list shall include the safety-related structures, systems, and components identified during the design and construction phases and may be expanded in detail as required by operations."

The Watts Bar FSAR "Lists of Tables" references Table 17.1A-3, "Assignment of Design and Procurement Responsibilities," as the source which is to identify those items to which the QA program applies. We are unable to locate this table in the Watts Bar FSAR. In order for the QAB to continue this evaluation of the Watts Bar QA program for operations, it is an NRC staff position that TVA provide a table or listing of those safety-related structures, systems, and components applicable to the Watts Bar Nuclear Plant operational QA program.

422.0                    CONDUCT OF OPERATIONS

422.5                    Your reorganization of your Nuclear Generation Branch and Plant  
(13.1.1.4)                    Engineering Branch of the Division of Power Production as shown  
in the revised Figure 13.1-3 requires your description of the  
Nuclear Generation Branch in subsection 13.1.1.4.1 and the  
"Qualifications of Key Staff Specialists" described in Table 13.1-1  
of your FSAR to be updated. Therefore, please provide the following:

- (1) An updated description of the functions and responsibilities of the Nuclear Generation Branch, and the Plant Engineering Branch that support the operation of the WBNP.
- (2) An update of the Table 13.1-1 "Qualifications of Key Staff Specialists".
- (3) An updated summary presentation of the numbers and experience backgrounds of persons assigned to each of the sections of the Nuclear Generation Branch and the Plant Engineering Branch. This information may be added to this application or provided by updating Table 13.1-1 of your Yellow Creek (or other application) and referencing that application.

422.6                    Describe the specific experience possessed by the person filling the  
(13.1.3.2)                    position of Reactor Engineer which demonstrates that he meets the two  
year experience requirements in the areas of reactor physics, core  
measurements, core heat transfer, and core physics testing programs  
described in Section 4.4.1 of ANSI N18.1-1971.