

May 30, 1985

Docket No. 50-390

Mr. H. G. Parris  
Manager of Power  
Tennessee Valley Authority  
500A Chestnut Street, Tower II  
Chattanooga, TN 37401

Dear Mr. Parris:

Subject: Request for Additional Information Regarding the Black  
and Veatch IDVP at the Watts Bar Nuclear Plant, Unit 1

In your February 20, 1985 letter regarding the readiness of the Watts Bar Nuclear Plant, Unit 1 to load fuel, you stated that "...the design, construction, testing, and preparation for operation of Watts Bar Nuclear Plant, Unit 1 have essentially been completed in accordance with description contained in the Watts Bar Safety Final Analysis Report (FSAR) and other licensing documents."

During its review of the Black and Veatch (B&V) Independent Design Verification Program (IDVP), the staff has identified the need for certain information which we assume was available to you in reaching the above conclusion (see Enclosure 1). Please submit this information as expeditiously as possible to support licensing the Watts Bar facility. If you have any questions concerning this matter, please contact the project manager, T. J. Kenyon, at FTS 492-7266.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

/S/

Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing  
Office of Nuclear Reactor Regulation

DL: LB#4  
TKenyon/mj  
5/28/85

LA: DL: LB#4  
MDuncan  
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DL: LB#4  
EAdensam  
5/29/85

AD: TDL  
TNovak  
5/30/85

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PDR ADOCK 05000390  
A PDR

WATTS BAR

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REQUEST FOR ADDITIONAL INFORMATIONBLACK AND VEATCH IDVPWATTS BAR NUCLEAR PLANT, UNIT 1

1. In your September 9, 1982, letter, TVA stated that the B&V "confirmation of the adequacy of the AFW system will be complied with broader, more comprehensive programmatic reviews (e.g., NSRS Review of Watts Bar, United Engineers Design Verification Program Review, Theodore Barry and Associates Review of OEDC, etc.) to provide TVA with additional confirmation that Watts Bar is, in fact, designed and constructed adequately even though deficiencies in the QA program have been identified and resolved."

Documentation received to date does not indicate that the other reviews were relied upon in reaching your conclusions regarding the adequacy of the Watts Bar plant. Therefore, we request that you provide your compilation of all these reviews which demonstrates your conclusions regarding how the Watts Bar facility meets its licensing commitments. In addition, we ask that you submit those reports identified in your September 9, 1982, letter, as well as any others you may have included in your evaluation.

2. Discussions with your staff indicate that the TVA Task Force prepared Evaluation Sheets for the Task Force Categories addressing the B&V findings. We request you submit those Evaluation Sheets for staff review.
3. Provide all internal TVA correspondence pertaining to the NSRS review of the B&V report, and the dispositions of their findings and recommendations. Does the NSRS concur with the final disposition of their recommendations? If not, provide reasons for non-concurrence and TVA's justification for closure of the item.
4. As a result of the B&V review, TVA has initiated corrective actions for completed work and for future work. It is the staff's understanding that these actions include, among other actions, the revision of engineering and design procedures, initiation of non-conformance reports, use of action item tracking systems, more frequent FSAR reviews, and improved training of personnel.

In Enclosure 2 to NRC's May 16, 1985, letter we asked what corrective actions have been taken as a result of both the B&V review and TVA's generic review. In responding to this request, provide NCRs that were initiated as a result of these reviews (and were not provided in the B&V reports) as well as procedures that were modified to prevent future problems. Modifications to the procedures should be clearly marked to indicate how the original procedure was modified.

5. Have modifications to agreed-upon hardware and procedure changes been made since B&V reviewed and approved resolution of their findings? If so, do these modifications in any way negate resolution of B&V's concern(s)? Please identify any instances where this may be the case, and provide justification for the changes which demonstrates that the B&V findings remain resolved.