



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381

MAY 12 1995

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

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

WATTS BAR NUCLEAR PLANT (WBN) - PROGRAM FOR ASSURANCE OF COMPLETION AND
ASSURANCE OF QUALITY (PAC/AQ)

Reference: TVA letter to the Nuclear Regulatory Commission (NRC) dated
April 30, 1992 - WBN - PROGRAM FOR ASSURANCE OF COMPLETION AND
ASSURANCE OF QUALITY (PAC/AQ)

The referenced letter provided the NRC with the basis for the PAC/AQ Program. In accordance with this program, all five phases have been completed. This program was conducted over a four and one-half year period, expending more than 50 man-years of PAC/AQ effort in addition to extensive effort by the WBN line organizations, to resolve identified issues and implement corrective actions. Implementation of the PAC/AQ Program complemented past reviews, and utilized multi-disciplined in-depth reviews by experienced senior personnel. A report which contains a summary of the results and conclusions from the program is maintained at WBN and is available for inspection.

The PAC/AQ Project Phases I through V confirmed that the WBN Plant Unit 1 Design, Construction, Startup, Operations, and Nuclear Assurance activities are in accordance with commitments and safety/quality standards. PAC/AQ determined that WBN commitments are known, tracked, and met; and that the WBN plant is designed and built in compliance with regulatory requirements. It also found that WBN personnel are becoming increasingly Operations focused, function as a team, are trained and accountable, and have adequate processes and procedures. In addition, improving performance trends clearly indicate that WBN management and employees are properly evaluating errors, and are effective at applying the lessons learned to achieve appropriate corrective action.

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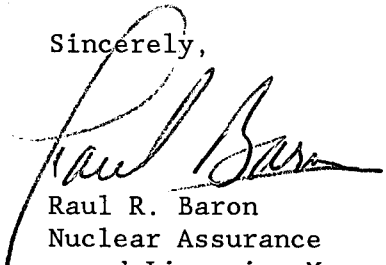
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Accordingly, PAC/AQ has concluded that there is a high degree of assurance that WBN Design, Construction, Startup, Operations, and Nuclear Assurance personnel, processes, and procedures are operationally ready for fuel load and power operation. Completion of testing and turnover activities will also further ensure that the plant is operationally ready.

PAC/AQ also noted that some normal plant processes, such as 10 CFR 50.59 reviews, and the 12-week plant rolling schedule, are still being fine-tuned to support plant operation. They further acknowledged that the continuation of the smooth integration of these processes is an important ingredient for optimized WBN plant performance.

If you should have any questions, contact P. L. Pace at (615)-365-1824.

Sincerely,



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and Licensing Manager (Acting)

cc: NRC Resident Inspector
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