



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

John H. Garrity
Vice President, Watts Bar Nuclear Plant

APR 30 1992

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: Nuclear Regulatory Commission's (NRC's) letter to TVA dated March 18, 1992 - March 9, 1992 Meeting Summary

The referenced letter documents a meeting which was held with the NRC staff to provide an overview of the PAC/AQ project. This overview summarized the objectives, the various phases, and the expected results of the project. During this meeting, the staff requested additional information regarding the organizational structure of PAC/AQ, details of the PAC/AQ project, the results of the Prototype Review, and clarification of the relationship of the Design Baseline Verification Program (DVBP) to PAC/AQ. This letter responds to the staff's request.

In response to the first two items, please find enclosed a chart of the PAC/AQ organizational structure (Enclosure 1) and the PAC/AQ Project Plan (Enclosure 2) which summarizes the program to date. Please note that the Project Plan is subject to periodic revision and, as such, is provided for information purposes.

With regard to the third item, the Prototype Review exercised the PAC/AQ review process through the first four phases for the Essential Raw Cooling Water (ERCW) System. This segment of the overall program was undertaken in an expedited manner to ensure the soundness of the program prior to commencement of the plant-wide effort. This review was also used to gain early insight into the status of the plant.

Overall, the results of the Prototype Review indicated that the earlier transfer of the ERCW System in 1990 to Operations was premature and that the PAC/AQ methodology proved effective in identifying and resolving problems.

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The 45 specific concerns which were identified during the review have been reviewed and corrective actions are complete or scheduled for implementation. Consistent with PAC/AQ methodology, corrective actions will be tracked to closure and, upon completion, verified to have been adequately implemented.

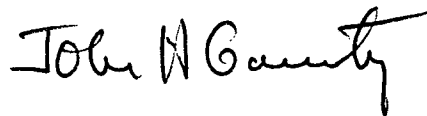
The entire Prototype Review report was provided to the resident inspector's office on March 17, 1992. Other reports on the plant-wide portion of PAC/AQ will be made available to the resident inspection staff as each phase of the program is completed.

With regard to the fourth and final item, TVA's letter to the NRC dated November 8, 1991, revised the scope of the Licensing Verification area of the DBVP and defined its relationship to PAC/AQ. This letter submitted Revision 4 of the DBVP Corrective Action Program (CAP) plan and defined a process for establishing a complete verified set of commitments, the actions for ensuring that programmatic commitments were properly maintained and the phasing out of use of the Licensing Document Commitment Matrix (LDCM). Enclosure 3 summarizes the outstanding issues defined in this submittal and the actions which are being implemented.

The commitments contained in this letter are listed on Enclosure 4.

Should the staff require additional information on the PAC/AQ program, please contact P. L. Pace at (615) 365-1824.

Sincerely,



John H. Garrity

Enclosures

cc (Enclosures):

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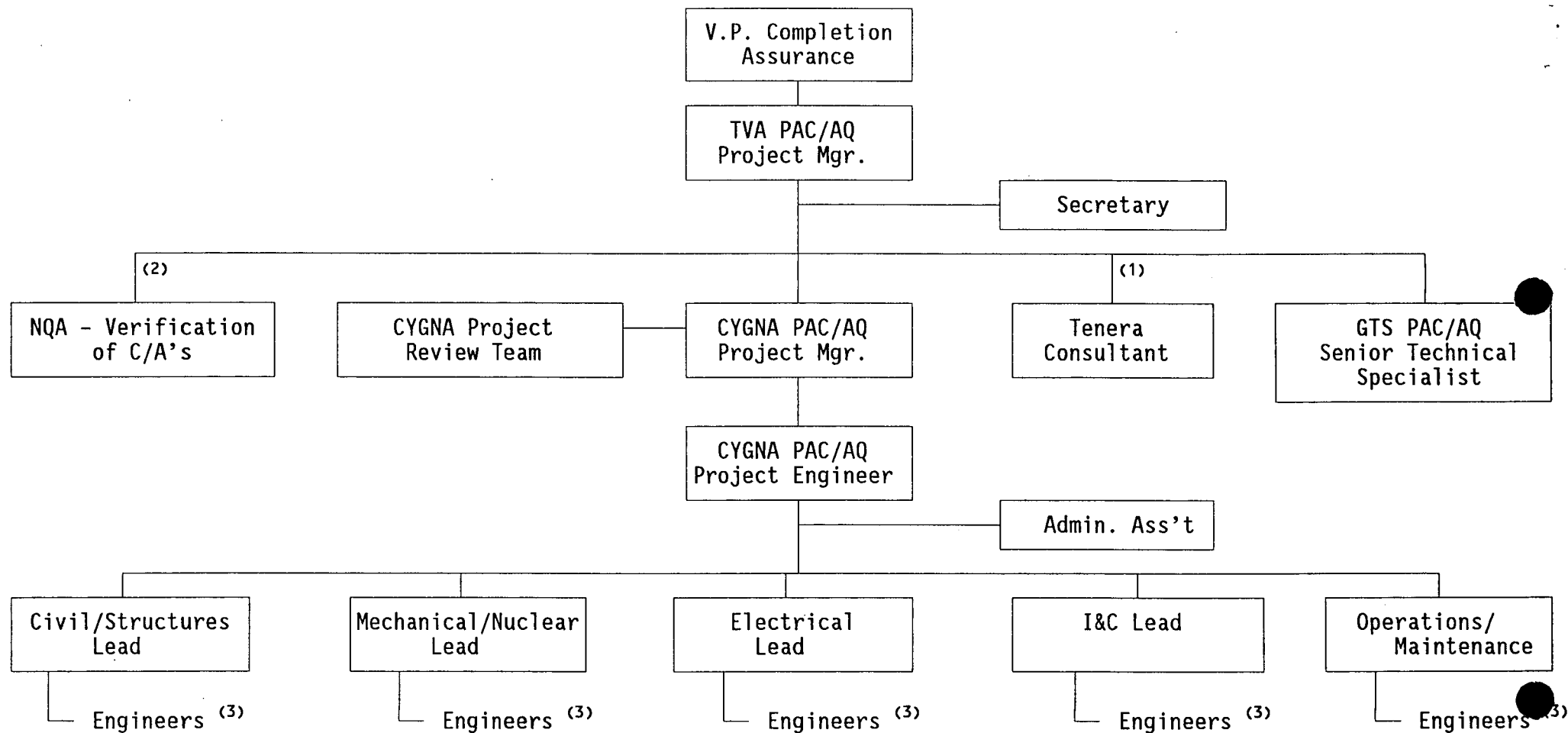
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ENCLOSURE 1

ORGANIZATION CHART OF THE PAC/AQ PROJECT

ORGANIZATION CHART

PROGRAM FOR ASSURANCE OF COMPLETION AND ASSURANCE OF QUALITY (PAC/AQ)



- Notes:**
- (1) Used for Independent Reviews of PAC/AQ.
 - (2) Provides resources for C/A Verifications through NQA Quality Engineering.
 - (3) Engineers to be assigned as appropriate.

ENCLOSURE 2

PAC/AQ PROJECT PLAN