



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

September 11, 1989

Docket Nos. 50-390

Mr. Oliver D. Kingsley, Jr.
Senior Vice President, Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Mr. Kingsley:

SUBJECT: WATTS BAR NUCLEAR PLANT (WBN) UNIT 1 - CORRECTIVE ACTION PLAN (CAP)
PLAN FOR QUALITY ASSURANCE LIST (Q-LIST)

The staff has completed review of the "WBN Q-List Corrective Action Program Plan," submitted in your letter dated October 27, 1988 and as supplemented on December 16, 1988. Criterion II of Appendix B to 10 CFR 50 requires applicant's to identify the structures, systems, and components to be covered by its quality assurance (QA) program. At WBN a Q-List is used to meet this requirement. In addition, TVA committed in Section 17.1.2 of the WBN Safety Analysis Report that a Q-List would be developed, implemented, and maintained.

TVA established the Q-List CAP with the following objectives: (1) to more clearly and consistently identify which structures, systems, and components are required to have QA or limited program controls applied during the performance of design, construction, modification, operation, and maintenance, and (2) to ensure that appropriate QA program controls were applied to quality related structures, systems, and components when they were constructed, maintained, and modified. In addition, TVA plans to use the Q-List CAP to resolve NCR W-269-P and related employee concerns.

Actions to be accomplished by TVA under the CAP include: (1) completion and issuance of a new Q-List; (2) comparison of the new Q-List to the existing Q-List to assure that construction activities performed since January 1984, when the existing Q-List was issued, had QA program controls applied when appropriate; and (3) review of maintenance and modification records to assure that "Q" features were adequately controlled.

On the basis of its review, the staff finds that with proper implementation of this Q-List CAP, this issue should be satisfactorily resolved and TVA will have:

1. implemented the corrective actions for NRC W-269-P as stated in the revised final 10 CFR 50.55(e) report;
2. defined the scope of QA program application for design, construction, modification, operations, and maintenance activities at WBN;

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- 3. identified discrepancies in the existing Q-List and verified that quality-related features have been constructed, modified, and maintained with appropriate QA program controls applied; and
- 4. established methods of control to ensure proper maintenance of the new Q-List throughout the life of the plant.

If you have any questions concerning the above, contact Raj Auluck, Project Manager at 301-492-0759.

Sincerely,
Original signed by

Suzanne Black, Assistant Director
for Projects
TVA Projects Division
Office of Nuclear Reactor Regulation

cc: See next page

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OFC	:NRR:TVA/LA	:NRR:TVA/PM	:TVA:AD/P	:NRR:TVA/BC	:NRR:TVA	:
NAME	:MSimms	:RAuluck:as	:SBlack	:GHubbard	:KBarr	
DATE	:4/26/89	:7/24/89	:9/11/89	:7/28/89	:9/11/89	:

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Sincerely,

Suzanne Black, Assistant Director
 for Projects
 TVA Projects Division
 Office of Nuclear Reactor Regulation

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cc: Plant Service list

OFC	:NRR:TVA/LA	NRR:TVA/PM	TVA:AD/P	TVA/AD/I	TVA:AD/E		
NAME	:MSimms	<i>MEJ</i> : <i>RA</i> :Auluck:as	:SBlack	:G.Hubbard	:S.Wilson :R.Barr		
DATE	:4/20/89	:4/24/89	:4/ /89	:OVE 7/28/89			

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