



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30323

Report Nos.: 50-259/86-12, 50-260/86-12, 50-296/86-12, 50-327/86-25, and
50-328/86-25

Licensee: Tennessee Valley Authority
6N38 A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Docket Nos.: 50-259, 50-260, 50-296, 50-327
and 50-328

License Nos.: DPR-33, DPR-52
DPR-68, DPR-77
and DPR-79

Facility Names: Browns Ferry and Sequoyah

Inspection Conducted: March 20, 1986

Inspector: M. A. Scott 4/10/86
M. A. Scott Date Signed

Accompanying Personnel: G. A. Belisle, NRC, RII
C. G. Walenga, NRC, IE

Approved by: S. E. Foster, Jr. 4/10/86
G. A. Belisle, Acting Section Chief Date Signed
Division of Reactor Safety

SUMMARY

Scope: This routine, announced inspection involved 7 inspector-hours on site in the areas of the restructuring of the TVA Nuclear Quality Assurance Organization.

Results: No violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *J. Huston, Deputy Director, Nuclear Quality Assurance
- *R. Kelly, Director, Nuclear Quality Assurance
- *R. Mullin, Chief, Quality Assurance Audit and Evaluation Branch

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on March 20, 1986, with those persons indicated in paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection findings. No dissenting comments were received from the licensee.

The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspector during this inspection.

3. Licensee Action on Previous Enforcement Matters

This subject was not addressed in the inspection.

4. Unresolved Items

Unresolved items were not identified during the inspection.

5. Nuclear Quality Assurance Restructuring

The NRC received a TVA Nuclear Dispatch dated March 6, 1986, regarding the consolidation and restructuring of the TVA Nuclear Quality Assurance (QA) Organization. The dispatch generally indicated key actions and upper level QA management changes under the reorganization.

On March 20, 1986, NRC representatives from Region II and headquarters met with the TVA-personnel to discuss the restructuring in greater depth. At that time, the Director of Nuclear QA presented a detailed and approved organizational chart which contained the new structure, functional relationships, and duties of QA groups within Nuclear QA.

The organizational structure is discussed in the following paragraphs. The Director, Nuclear QA, reports directly to the Manager, Office of Nuclear Power. The Office of Engineering also supports the Director, Nuclear QA. Reporting to the Director, Nuclear QA, are the corporate and site QA staffs. The corporate staff includes the following sections: Audit and Evaluation,



Technical Support, Procurement QA, and Quality Systems. The chart also indicated a site QA manager and staff for each nuclear site.

The corporate staff includes the following subdivisions:

- a. Audit and Evaluation -
 - (1) Quality Audits Branch
 - (a) Operations Audit Group
 - (b) Operations Support Audit Group
 - (c) Construction, Maintenance, and Modifications Audit Group
 - (d) Quality Programs Audit Group
 - (2) Planning and Assessment Branch
 - (a) Performance Assessment Group
 - (b) Planning and Administration Group
- b. Technical Support -
 - (1) Quality Surveillance Group
 - (2) Quality Control Group
 - (3) ISI/NDE Group
 - (4) Technical and Support Services Group
- c. Procurement QA
 - (1) Supplier Evaluation Group
 - (2) Source Surveillance Group

NOTE: The Chief of Procurement is supported by an assistant.
- d. Quality Systems
 - (1) Programs Development Group
 - (a) Quality Programs
 - (b) Quality Methods
 - (c) Licensing Support
 - (2) Quality Engineering Group
 - (a) Quality Information
 - (b) Quality Training
 - (c) Engineering Support
 - (d) Program Support

NOTE: The Chief of Quality Systems is supported by an assistant.



The site staff includes the following subdivisions:

a. Quality Engineering and Control

- (1) Quality Control
- (2) Quality Engineering

b. Quality Assurance

- (1) Quality Improvement
- (2) Quality Surveillance
- (3) Technical Services

Personnel appointed to corporate and site management positions in the organizational chart were discussed. All corporate upper management level positions which were discussed in the Nuclear Dispatch dated March 6, 1986, had been filled. Site Quality Managers and their subsection managers had been selected for Sequoyah and Watts Bar. Browns Ferry management positions were actively being recruited. Bellefonte's Site Quality Manager would be filled by an acting manager.

Portions of the TVA Corporate Nuclear Performance Plan (CNPP) dated March 10, 1986, were discussed during the meeting. As indicated in the CNPP and as determined during the meeting, many actions to be taken by the QA organization were pending. As indicated by the above and as stated in the CNPP (Section IV, E.1) QA had been unified under one single department; this includes unification of quality control personnel from both operations and construction. As indicated in Section VI (paragraph D.1), QA is reviewing their corrective action program; additionally, TVA management stated that a review of past corrective action items which are still open is underway and they had not determined the chronological or status end point for this review process.

The TVA Nuclear Dispatch and CNPP actions will impact the TVA Topical Report and Nuclear Quality Assurance Manual (NQAM). TVA management stated that both documents were being revised and that the TVA Topical Report would be submitted for NRC review prior to the Sequoyah restart. The inspector stated that it would be desirable not only to review but also to approve changes to the TVA Topical Report prior to Sequoyah restart.

Within this area, no violations or deviations were identified.

