

UNITED STATES GOVERNMENT

## Memorandum

TENNESSEE VALLEY AUTHORITY

TO : C. C. Mason, Deputy Manager of Nuclear Power, LP SN 37A-1

FROM : C. D. Lundin, Stone & Webster

DATE : February 7, 1986

SUBJECT: NRC CORPORATE PLAN

In the process of reviewing the Watts Bar responses to the NSRS concerns presented to the NRC, it was determined that a more in-depth review of the process used to develop the responses would be necessary. Seven Stone & Webster people were selected to perform this task. They were selected based on their knowledge of the engineering, construction, quality assurance, and regulatory processes required for nuclear power plant licensing in the current regulatory environment. All are presently, or have been recently assigned to near-term operating plants and have all participated in similar investigations of identified issues and the development of responses to those issues.

These people were on the Watts Bar site from January 31, 1986, to February 5, 1986. They reviewed draft responses to concerns, contacted the people investigating and responding to the concerns, interviewed site personnel involved in the activities mentioned in the concerns, reviewed pertinent documents, and performed any other activities deemed necessary to validate the responses to the concerns and the methods used to develop the responses. They also, with the assistance of NSRS personnel, reviewed some of the investigations used to develop the NSRS concerns.

During the course of their effort, they found that significant efforts were underway to validate concerns, identify the extent of conditions, evaluate past corrective actions, implement corrective actions where the need is established, and seek the generic implication of concerns. Some of the concerns were the subject of special projects which were in process and appeared to be of sufficient scope and depth to resolve concerns in those areas or identify additional corrective actions necessary. Examples of these are instrumentation, welding, and cable qualification. Other concerns involve issues that had been perceived as weaknesses in the past, and procedures had been revised to correct conditions. In these areas, the team considered the present procedures to be adequate and observed that previous conditions were being assessed by TVA to determine if any evaluation of previous work is necessary. Examples of these areas are design control, construction

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processes, Q-list accuracy and independence of QA/QC personnel. Evaluations are ongoing to evaluate the material traceability and nonconformance systems. The activities of the team have affected the scope of the responses and have given additional insight to the site personnel for consideration in investigating the identified issues.

In the performance of their assigned activities, the team noted that activities were underway to resolve other concerns identified through NSRS and other sources both on and off the site, routine and non-routine.

In conclusion, TVA appears to be performing those activities necessary to determine the validity of concerns, their extent, and develop corrective actions where appropriate. No activities were noted, nor information received, which would be considered to be in noncompliance with 10 CFR 50, Appendix B.

  
C. D. Lundin

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ENCLOSURE