

July 27, 2006

Mr. Karl W. Singer  
Chief Nuclear Officer and  
Executive Vice President  
Tennessee Valley Authority  
6A Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

SUBJECT: BROWNS FERRY NUCLEAR PLANT, UNIT 1 — REQUEST FOR ADDITIONAL  
INFORMATION FOR RESPONSE TO GENERIC LETTER 87-02,  
SUPPLEMENT 1 (TAC NO. MC4796)

Dear Mr. Singer:

By letter dated October 7, 2004, the Tennessee Valley Authority submitted to the U.S. Nuclear Regulatory Commission (NRC) a response to Generic Letter 87-02, Supplement 1, which transmitted the NRC's Supplemental Safety Evaluation No. 2 on the Seismic Qualification Utility Group's Generic Implementation Procedure for Seismic Verification of Nuclear Power Plant Equipment, Revision 2 (GIP-2) for Browns Ferry Nuclear Plant, Unit 1.

A response to the enclosed Request for Additional Information is needed before the NRC staff can complete the review. If you have any questions, please contact me at (301) 415-4041.

Sincerely,

***/RA by EBrown for/***

Margaret H. Chernoff, Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-259

Enclosure: Request for Additional Information

cc w/enclosure: See next page

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NRR-088

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REDACTED REQUEST FOR ADDITIONAL INFORMATION

RESPONSE TO GENERIC LETTER 87-02, SUPPLEMENT 1

TENNESSEE VALLEY AUTHORITY

BROWNS FERRY NUCLEAR PLANT, UNIT 1

DOCKET NO. 50-259

1. In its letter dated October 7, 2004, Tennessee Valley Authority (TVA) stated that it will complete the operations review of the BFN Unit 1 USI A-46 verification of Safe Shutdown Equipment List (SSEL) following approval of BFN Unit 1 Operations Procedures, and notify the NRC of the results of that review prior to BFN Unit 1 restart. Please provide the status and the schedule for completion of the verification of SSEL.
2. Enclosure 2 to TVA submittal dated October 7, 2004, provides the BFN Unit 1 USI A-46 Seismic Evaluation Report. Chapter 5 of that report indicated that a total of 84 individual items of mechanical and electrical equipment on the SSEL were identified as outliers. The report indicated that designs have been completed for to resolve the outliers where the resolution method was plant modification. The licensee stated that follow-up verification of each outlier that is resolved by work order or design change will be performed during plant area turnover walkdowns as described in Appendix H of the report. Appendix H contains a Punch List of 139 SSEL equipment items requiring verification of the final configuration for outlier resolution prior to plant restart. Please provide the status and specific schedule for completion of the implementation of outlier resolution as delineated in Table 5-1 and Appendix H of the USI A-46 Seismic Evaluation Report.

## **BROWNS FERRY NUCLEAR PLANT**

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Tennessee Valley Authority

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