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SUBJECT: Provides notification that util completed resolution of outliers for Unit 2 identified in accordance w/Seismic Qualification Utl Group generic implementation procedure criteria.

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Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609

November 18, 1997

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of) Docket No. 50-260
Tennessee Valley Authority)

BROWNS FERRY NUCLEAR PLANT (BFN) - UNIT 2 - GENERIC LETTER (GL) 87-02, SUPPLEMENT 1, VERIFICATION OF SEISMIC ADEQUACY OF MECHANICAL AND ELECTRICAL EQUIPMENT IN OPERATING REACTORS, UNRESOLVED SAFETY ISSUE (USI) A-46, AND GL 88-20, SUPPLEMENT 4, INDIVIDUAL PLANT EXAMINATION OF EXTERNAL EVENTS (IPEEE) FOR SEVERE ACCIDENT VULNERABILITIES (SEISMIC PORTION) - NOTIFICATION OF COMPLETION OF OUTLIER RESOLUTION (TAC NOS. M69431, AND M83596)

This letter provides notification that TVA has completed the resolution of outliers for BFN Unit 2 identified in accordance with the Seismic Qualification Utility Group (SQUG) Generic Implementation Procedure (GIP) criteria.

TVA submitted Seismic Evaluation Reports that summarized the results of the USI A-46 and seismic IPEEE programs for BFN Units 2 and 3 by letter dated June 28, 1996. These reports listed outliers (i.e., items of equipment that did not meet the walkdown screening criteria) identified during the seismic evaluations for mechanical and electrical equipment and electrical relays. For BFN Unit 3, the outliers identified were resolved during the Cycle 7 refueling outage and notification of completion provided to NRC by TVA letter

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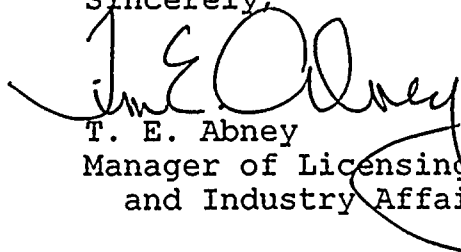
U.S. Nuclear Regulatory Commission
Page 2
November 18, 1997

dated April 11, 1997. The outliers identified for BFN Unit 2 were resolved by engineering evaluation, plant modification, or maintenance work order during the Cycle 9 refueling outage that completed on October 19, 1997.

Enclosure 1 to this letter provides background information regarding the BFN commitments to GL 87-02 and GL 88-20, Supplement 4. Enclosure 2 contains a completion report for BFN Unit 2, which notes changes for some of the outlier resolutions listed in the Seismic Evaluation Report, submitted by TVA letter dated June 28, 1996. TVA considers the commitments regarding USI A-46 and the seismic portion of IPEEE to be complete for BFN Unit 2.

There are no commitments contained in this letter. If you have any questions, please contact me at (205) 729-2636.

Sincerely,



T. E. Abney
Manager of Licensing
and Industry Affairs

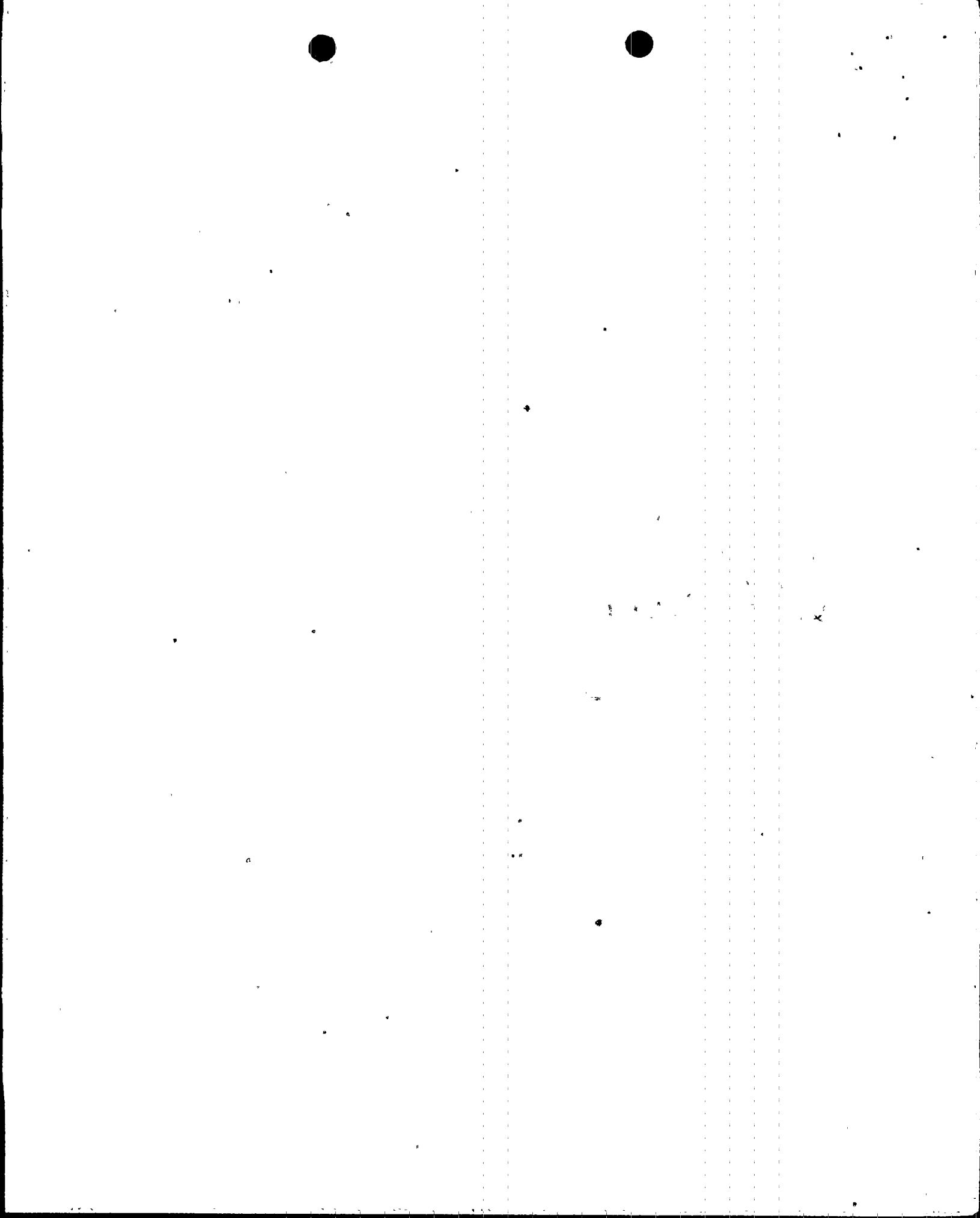
Enclosures

cc (Enclosures):

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ENCLOSURE 1

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNIT 2

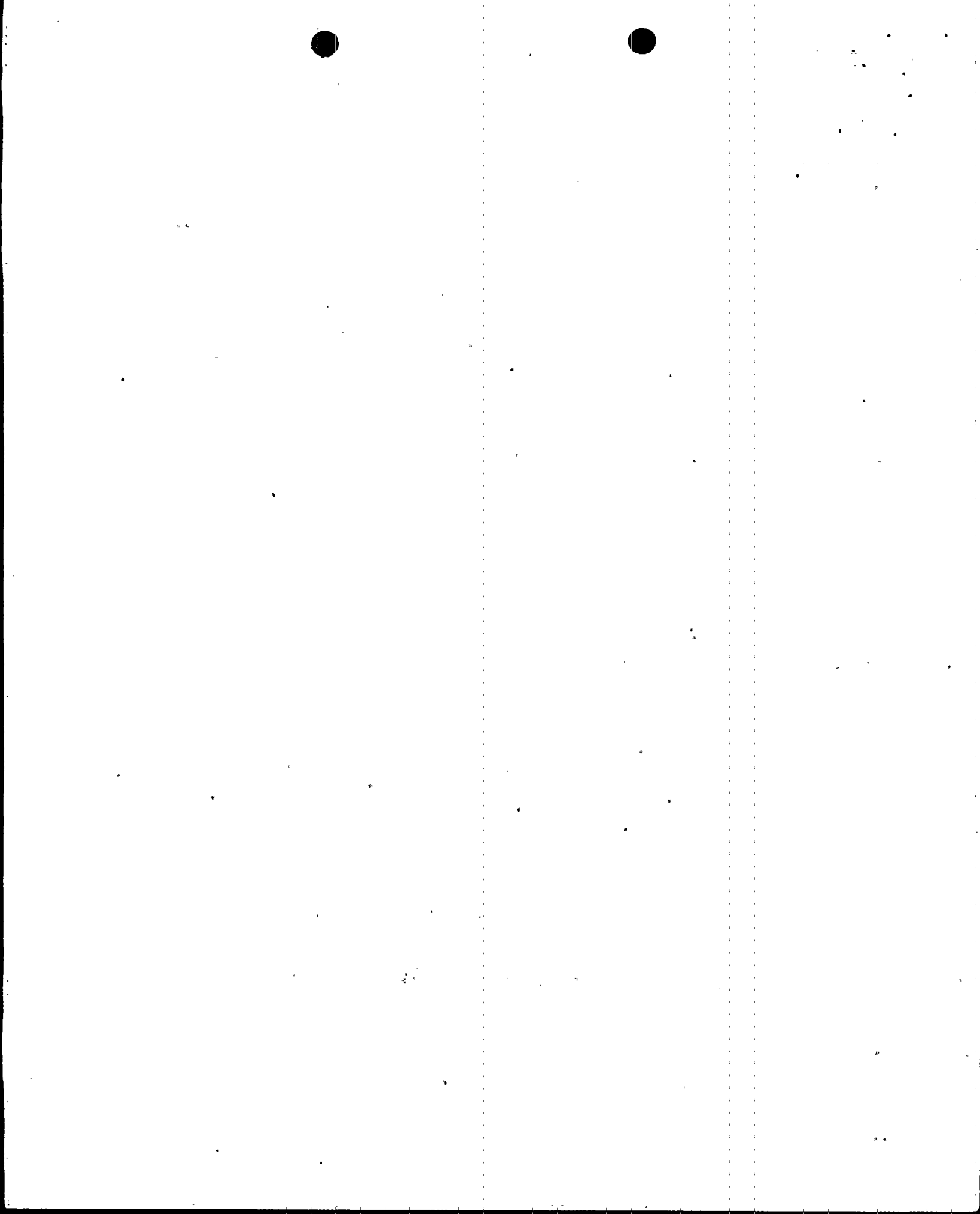
GENERIC LETTER (GL) 87-02, SUPPLEMENT 1, VERIFICATION OF
SEISMIC ADEQUACY OF MECHANICAL AND ELECTRICAL EQUIPMENT IN
OPERATING REACTORS, UNRESOLVED SAFETY ISSUE (USI) A-46 AND
GL 88-20, SUPPLEMENT 4, INDIVIDUAL PLANT EXAMINATION OF
EXTERNAL EVENTS (IPEEE) FOR SEVERE ACCIDENT VULNERABILITIES
(SEISMIC PORTION)

BACKGROUND INFORMATION

In GL 87-02, NRC established the process for resolution of USI A-46 and encouraged the affected licensees to participate in a generic program. Supplement 1 to GL 87-02, required a response that included a commitment to the Generic Implementation Procedure, Revision 2, (GIP-2) prepared by the Seismic Qualification Utility Group (SQUG), a schedule for implementation of the GIP-2, and submission of a report summarizing the results of the USI A-46 program. By letters to NRC dated September 21, 1992, January 19, 1993, and March 19, 1996, TVA committed to implement the GIP-2, including the clarifications, interpretations, and exceptions in the NRC Supplemental Safety Evaluation Report Number Two (SSER-2), and to communicate to the staff any significant or programmatic deviations from the GIP-2 guidance. For BFN Units 2 and 3, TVA committed to submit the results of the USI A-46 evaluation by June 28, 1996.

On June 28, 1991, NRC issued GL 88-20, Supplement 4, which requested that licensees expand the systematic examination for plant specific vulnerabilities to include consideration of five external events. Included in the five external events are seismic events. By letter dated December 20, 1991, TVA committed to address the seismic portion of the IPEEE within 120 days after NRC issued an SSER that resolved USI A-46. The above referenced letters also provided BFN's commitments regarding the seismic IPEEE evaluation. For BFN Units 2 and 3, TVA committed to submit the results of the seismic IPEEE evaluation by June 28, 1996.

Combined USI A-46 and seismic IPEEE walkdowns were performed in accordance with the SQUG GIP-2. Outliers (i.e., items of equipment that did not meet the walkdown screening criteria) were identified during the seismic evaluations



for mechanical and electrical equipment and electrical relays. Seismic Evaluation and Relay Reports listed the outliers identified during these evaluations. The reports were submitted by TVA letter dated June 28, 1996. In that letter, TVA committed to resolve the outliers for Units 2 and 3 prior to restart from the next refueling outage for each unit. The outliers for Unit 3 were resolved prior to restart from the Cycle 7 refueling outage that completed on March 13, 1997. A completion report for the BFN Unit 3 A-46 and seismic IPEEE program was submitted by TVA letter dated April 11, 1997. For Unit 2, the outliers were resolved prior to restart from the Cycle 9 refueling outage that completed on October 19, 1997. The BFN Unit 2 A-46 and seismic IPEEE program completion report is contained in Enclosure 2 of this letter.



ENCLOSURE 2

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNIT 2

GENERIC LETTER (GL) 87-02, SUPPLEMENT 1, VERIFICATION OF
SEISMIC ADEQUACY OF MECHANICAL AND ELECTRICAL EQUIPMENT IN
OPERATING REACTORS, UNRESOLVED SAFETY ISSUE (USI) A-46 AND
GL 88-20, SUPPLEMENT 4, INDIVIDUAL PLANT EXAMINATION OF
EXTERNAL EVENTS (IPEEE) FOR SEVERE ACCIDENT
VULNERABILITIES (SEISMIC PORTION)

COMPLETION REPORT

(See Attached)

