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SUBJECT: Responds to 881208 request for addl info on IGSCC program.
 List of commitments encl.

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

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JAN 12 1989

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

Gentlemen:

In the Matter of
Tennessee Valley Authority

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Docket Nos. 50-260

BROWNS FERRY NUCLEAR PLANT (BFN) UNIT 2 - RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION ON THE INTERGRANULAR STRESS CORROSION CRACKING (IGSCC) PROGRAM (TAC 61049)

Reference: NRC letter to O. D. Kingsley, Jr. dated December 8, 1988, Generic Letters (GL) 84-11 "Inspection of BWR Stainless Steel Piping" and GL 88-01 "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping" - Evaluation of Browns Ferry Unit 2 Responses

In the above referenced letter, NRC provided its Safety Evaluation (SE) of TVA's program actions to GL 84-11 and GL 88-01. The SE concluded that the BFN IGSCC analyses and corrective/mitigation actions for unit 2 were performed in accordance with GL 84-11 and GL 88-01. However, the SE identified certain areas of concern that need to be resolved before restart. Specifically, the NRC staff requested a submittal addressing:

1. Commitments concerning sample expansion inspections in accordance with GL 88-01 and
2. A restart inspection schedule for the 71 welds which have not been post-Induction Heating Stress Improvement (IHSI) inspected.

BFN has initiated a post-IHSI weld examination project that will examine the remaining unit 2 welds that have not received post-IHSI inspection. TVA will provide the results of this project to NRC upon its completion. This project will be complete before restart and will eliminate any possible post-IHSI sample expansion problems for this outage.

BFN's sample expansion process will conform to the NRC "Staff Position on Sample Expansion" as specified in GL 88-01 for future IGSCC examination efforts.

In addition, the NRC staff requested that TVA provide technical specification changes reflecting leak detection requirements specified in GL 88-01. TVA has already provided this information in its Technical Specification submittal No.262 "Intergranular Stress Corrosion Cracking," dated December 9, 1988.

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U. S. Nuclear Regulatory Commission

The response time for this submittal has been discussed with Gerald Gears (NRC) and it was agreed that TVA's submittal would be due to NRC on January 13, 1989, 30 days after receipt of your letter.

Enclosure 1 contains a list of the commitments made in this submittal. If you have any questions, please telephone Patrick P. Carrier, BFN, at (205) 729-3570.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


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ENCLOSURE 1

LIST OF COMMITMENTS

The following is a list of commitments made in this submittal:

1. TVA will examine the remaining unit 2 welds that have not received post-IHSI inspection before restart.
2. TVA will provide NRC with the results of its inspection project before restart.
3. TVA's BFN sample expansion process will conform to NRC "Staff Position on Sample Expansion" as specified in GL 88-01 for future IGSCC examination efforts.

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