



Tennessee Valley Authority Post Office Box 2030, Decatur, Alabama 35602

O. J. "Ike" Zeringue  
Vice President, Browns Ferry Operations

JAN 31 1992

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

Gentlemen:

In the Matter of	)	Docket Nos. 50-259
Tennessee Valley Authority	)	50-260
		50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - IMPLEMENTATION PLANS FOR HYDROGEN WATER CHEMISTRY CONTROL (HWCC)

Reference: TVA letter dated September 20, 1991, Browns Ferry Nuclear Plant (BFN) - Status and Schedule for Completion of Unit 2 Post-Restart Issues

As part of the referenced letter, TVA committed to provide NRC staff with an action plan describing the program for HWCC. This letter provides the overall plan and schedule for HWCC Program.

BFN will complete the installation of a HWCC system during Unit 2 Cycle 7. The system will be installed in accordance with the Electric Power Research Institute (EPRI) "Guidelines for Permanent BWR Hydrogen Water Chemistry Installations - 1987 Revision", EPRI NO-5238-SR-A. Prior to the HWCC system startup and operation, TVA will complete further evaluation of the potential impact and benefits of chemical decontamination, line injection, stellite removal, and projected dose level. TVA will evaluate the operating experience of HWCC on Unit 2 prior to implementation of HWCC on Units 1 and 3.

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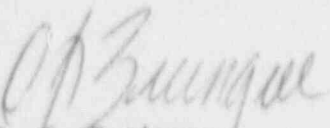
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U.S. Nuclear Regulatory Commission

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A summary list of commitments contained in this letter is provided as the enclosure. If you have any questions, please telephone R. R. Eason at (205) 729-7566.

Sincerely,



O. J. Zeringue

Enclosure

cc (Enclosure):

NEC Resident Inspector  
Browns Ferry Nuclear Plant  
Route 12, Box 437  
Athens, Alabama 35611

Mr. Thierry M. Ross, Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852

Mr. B. A. Wilson, Project Chief  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

ENCLOSURE

Browns Ferry Nuclear Plant  
Summary of Commitment

BFN will complete the installation for a Unit 2 HWCC system based on EPRI "Guidelines for Permanent BWR Hydrogen Chemistry Installation-1987 Revision," EPRI NP-5283-SR-A, during the Unit 2 Cycle 7.