

January 13, 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 UNIT 3 - REVISED IMPLEMENTATION DATE FOR
AMENDMENT NO. 248 CONCERNING THE NUMBER OF EMERGENCY
CORE COOLING SYSTEMS (TAC NO. MC9025) (TS-424)

Dear Mr. Singer:

In a letter dated September 27, 2005, the Tennessee Valley Authority (TVA) requested that the implementation date for Amendment No. 248 to the Browns Ferry Nuclear Plant (BFN) Unit 3 license (DPR-68) be extended. Amendment No. 248 revised the Updated Final Safety Analysis Report (UFSAR) to reflect a reduction in the number of low pressure emergency core cooling systems subsystems needed to mitigate certain design basis loss-of-coolant-accident scenarios. The amendment also modifies the required number of Technical Specification channels for the low pressure core injection pump start time delay relays.

These changes were requested to eliminate the potential for overloading a 4 kilovolt shutdown board (SBD) shared between Units 1 and 2 or a diesel generator (DG) when both Units 1 and 2 are in service. The request was approved for all three BFN units and the implementation should have been completed for Unit 1 within 60 days of issuance, and Unit 2 during the Cycle 13 refueling outage. Both the April 11, 2003, and the September 27, 2005, letters indicate that the Unit 3 hardware modifications are not necessary to prevent overloading the shared SBD or DGs. Based on the Units 1 and 2 modifications being complete and implementation of the associated modifications on Unit 3 not being needed to support the other BFN units, the U.S. Nuclear Regulatory Commission (NRC) approves the request to revise the implementation date for Amendment No. 248 to License DPR-68 from the Unit 3 Cycle 12 (March 2006) to the Cycle 13 refueling outage.

The NRC staff notes that the UFSAR should be revised as appropriate to reflect the unit differences as the changes have already been completed on Units 1 and 2, and will not be implemented for 2 years on Unit 3.

If you have any questions, please contact Ms. Eva Brown at (301) 415-2315.

Sincerely,

/RA/

Michael L. Marshall, Jr., Chief
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-296, 50-259 and 50-260

cc: See next page

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Mr. Karl W. Singer
Tennessee Valley Authority

BROWNS FERRY NUCLEAR PLANT

cc:

Mr. Ashok S. Bhatnagar, Senior Vice President
Nuclear Operations
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Robert G. Jones, General Manager
Browns Ferry Site Operations
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Decatur, AL 35609

Mr. Larry S. Bryant, General Manager
Nuclear Engineering
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Glenn W. Morris, Manager
Corporate Nuclear Licensing
and Industry Affairs
Tennessee Valley Authority
4X Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Brian O'Grady, Site Vice President
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Decatur, AL 35609

Mr. William D. Crouch, Manager
Licensing and Industry Affairs
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Decatur, AL 35609

Mr. Robert J. Beecken, Vice President
Nuclear Support
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Browns Ferry Nuclear Plant
10833 Shaw Road
Athens, AL 35611-6970

General Counsel
Tennessee Valley Authority
ET 11A
400 West Summit Hill Drive
Knoxville, TN 37902

State Health Officer
Alabama Dept. of Public Health
RSA Tower - Administration
Suite 1552
P.O. Box 303017
Montgomery, AL 36130-3017

Mr. John C. Fornicola, Manager
Nuclear Assurance and Licensing
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Chairman
Limestone County Commission
310 West Washington Street
Athens, AL 35611

Mr. Bruce Aukland, Plant Manager
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Decatur, AL 35609