

June 28, 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 2 - REQUEST FOR ADDITIONAL
INFORMATION CONCERNING THE PROPOSAL TO USE SUBSEQUENT
EDITION OF ASME CODE (TAC NO. MC9287)

Dear Mr. Singer:

By letter dated December 20, 2005, Tennessee Valley Authority (TVA) requested Nuclear Regulatory Commission (NRC) approval, pursuant to Title 10 of the *Code of Federal Regulations*, Section 50.55a(g)(iv), to adopt a later version of the American Society of Mechanical Engineers (ASME) Code for Browns Ferry Nuclear Plant (BFN) Unit 2. Specifically, TVA proposed to adopt the requirements for repair and replacement activities specified in the 2001 Edition, 2003 Addenda of the ASME Section XI Code, Subarticle IWA-4000 and all related requirements, as the code of record for the third 10-year inservice inspection interval for Unit 2.

The NRC staff is considering rulemaking that would require the nondestructive examination (NDE) provision in IWA-4540(a)(2) of the 2002 Addenda of Section XI to be applied when performing system leakage tests after repair and replacement activities performed by welding or brazing using the 2003 Addenda through the latest edition and addenda incorporated by reference in paragraph (b)(2) of 10 CFR 50.55a. The 2002 Addenda of Section XI had required NDE to be conducted when performing a system leakage test in support of repair and replacement activities performed by welding or brazing, but the 2003 Addenda of Section XI removed this requirement. As the submittal does not include the NDE provision, TVA is requested to provide additional information regarding the conduct of NDE when performing a system leakage test in support of repair and replacement activities performed by welding or brazing.

K. Singer

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This request was discussed with your staff and on June 16, 2006, Mr. James Davenport stated that a response would be provided within 30 days of the date of this letter.

If there are any questions, please contact Brendan Moroney at (301) 415-3974.

Sincerely,

/RA/

Eva A. Brown, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-260

cc: See next page

K. Singer

-2-

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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, Vice President
Nuclear Engineering & Technical Services
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