

February 8, 2002

Mr. J. A. Scalice
Chief Nuclear Officer and
Executive Vice President
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RELATED TO TECHNICAL
SPECIFICATION REVISION FOR BROWNS FERRY NUCLEAR PLANT, UNIT 3
(TAC NO. MB3485)

Dear Mr. Scalice:

By letter dated November 1, 2001, Tennessee Valley Authority submitted an application to revise the Technical Specifications (TS) for the Browns Ferry Nuclear Plant, Unit 3. The proposed revision includes a change to the safety limit minimum critical power ratio value in TS 2.1.1.2. The U.S. Nuclear Regulatory Commission staff has reviewed your submittal and finds that a response to the enclosed request for additional information is needed before we can complete the review.

This request was discussed with Mr. T. Abney of your staff on February 7, 2002, and it was agreed that a response would be provided within 30 days of receipt of this letter.

If you have any questions, please contact me at (301) 415-1496.

Sincerely,

/RA/

Kahtan N. Jabbour, Senior Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-296

Enclosure: Request for Additional Information

cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION
RELATED TO PROPOSED TECHNICAL SPECIFICATION REVISION
TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT, UNIT 3
DOCKET NO. 50-296

1. The NRC staff had found discrepancies in data bases while conducting an audit of General Electric's GEXL14 correlation analysis. Please provide justification regarding the applicability of the overall GEXL14 uncertainty to Browns Ferry Unit 3. Please discuss the impact on the safety limit minimum critical power ratio (SLMCPR) calculation due to these discrepancies.
2. It appears that the proposed Technical Specification (TS) SLMCPR value for two-recirculation-loop operation based on the calculated SLMCPR given in Table 2 of Enclosure 5 should be 1.08 in conjunction with the contribution from Question 1. Please provide justification for the proposed TS SLMCPR value of 1.07.

Enclosure

Mr. J. A. Scalice
Tennessee Valley Authority

BROWNS FERRY NUCLEAR PLANT

cc:

Mr. Karl W. Singer, Senior Vice President
Nuclear Operations
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Mark J. Burzynski, Manager
Nuclear Licensing
Tennessee Valley Authority
4X Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Jon R. Rupert, Vice President (Acting)
Engineering & Technical Services
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Timothy E. Abney, Manager
Licensing and Industry Affairs
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Decatur, AL 35609

Mr. Ashok S. Bhatnagar, Site Vice President
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Decatur, AL 35609

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

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. Robert J. Adney, General Manager
Nuclear Assurance
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. Robert G. Jones, Plant Manager
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Decatur, AL 35609