

January 12, 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: SAFETY EVALUATION REPORT RELATED TO THE LICENSE RENEWAL OF
BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3 (TAC NOS. MC1704,
MC1705, AND MC1706)

Dear Mr. Singer:

By letter dated December 31, 2003, Tennessee Valley Authority (TVA or the applicant) submitted an application to the U.S. Nuclear Regulatory Commission (NRC or the staff) for the renewal of the Browns Ferry Nuclear Plant, Units 1, 2 and 3 operating licenses for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The staff determined that the LRA was complete and acceptable for docketing on March 4, 2004. Since that time, the staff has reviewed TVA LRA, issued requests for additional information (RAIs), reviewed the applicant's responses to the staff's RAIs and developed a safety evaluation report (SER) with open items dated August 9, 2005. On the basis of this review, the staff has developed the enclosed SER to document its findings associated with the safety review of the LRA and supporting documentation for BFN.

If you have any questions regarding this matter, please contact the license renewal project manager, Ram Subbaratnam, at 301-415-1478 or via e-mail at RXS2@nrc.gov.

Sincerely,

/RA PTKuo for/

Frank P. Gillespie, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

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

Enclosure:
As stated

cc w/encls: See next page

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ADAMS ACCESSION NUMBERS: PKG - ML060110339, Ltr to K. Singer - ML060110341; SER - ML05xxxxxx

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DATE	1/3/2006	12/20/2005	1/5/2006	1/11/06	1/6/2006	1/4/2006
OFFICE	D:DSS	D:DORL	D:DRA	D:DLR		
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DATE	1/4/2006	1/6/2006	1/5/2006	1/12/06		

OFFICIAL RECORD COPY

BROWNS FERRY NUCLEAR PLANT

Tennessee Valley Authority

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BROWNS FERRY NUCLEAR PLANT

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Tennessee Valley Authority

cc:

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Letter to Karl W. Singer From Frank Gillespie dated January 12, 2006

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