

June 23, 2005

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

SUBJECT: NOTICE OF AVAILABILITY OF THE FINAL PLANT-SPECIFIC  
SUPPLEMENT 21 TO THE GENERIC ENVIRONMENTAL IMPACT  
STATEMENT (GEIS) REGARDING LICENSE RENEWAL FOR BROWNS  
FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3 (TAC NOS. MC1768, MC1769,  
AND MC1770)

Dear Mr. Singer:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed the final plant-specific Supplement 21 to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS), regarding the renewal of operating licenses DPR-33, DPR-52, and DPR-68 for an additional 20 years of operation at Browns Ferry Nuclear Plant, Units 1, 2 and 3 (BFN). Enclosed is a copy of the final report and the associated *Federal Register* Notice of Availability. This notice advises the public that the final report is publicly available at the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible at <http://www.nrc.gov/reading-rm/adams.html>; the accession number for the final Supplement 21 to the GEIS is ML051730443. In addition, the Athens-Limestone Public Library, 405 East South Street, Athens, Alabama, has agreed to make the final Supplement 21 available for public inspection.

As discussed in Section 9.3 of this report, the staff recommends that the Commission determine that the adverse environmental impacts of license renewal for the Browns Ferry Nuclear Plant, Units 1, 2, and 3, are not so great that preserving the option of license renewal for energy planning decision makers would be unreasonable. This recommendation is based on: (1) the analysis and findings in the GEIS; (2) the Environmental Report submitted by Tennessee Valley Authority; (3) consultation with Federal, State, and local agencies; (4) the staff's own independent review; and (5) the staff's consideration of public comments.

K. Singer

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A separate notice of filing of the final environmental impact statement will be placed in the *Federal Register* by the U.S. Environmental Protection Agency. If you have any questions regarding this matter, please contact the NRC Environmental Project Manager, Dr. Michael Masnik, at 1-800-368-5642, extension 1191 or by email at [MTM2@nrc.gov](mailto:MTM2@nrc.gov).

Sincerely,  
*/RA/*

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

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

Enclosure: As stated

cc w/encl: See next page

K. Singer

-2-

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Pao-Tsin Kuo, Program Director  
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cc w/encl: See next page

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**Adams Accession nos.:**

1. Ltr to K. Signer: **ML051740628**
2. Final Supplement 21, NUREG-1437 "Generic Environmental Impact Statement for License Renewal of Nuclear Plants": **ML051730443**
3. Pkg: **ML051740080**

Document Name: E:\Filenet\ML051740628.wpd

OFFICE	RLEP:LA	RLEP:GE	RLEP:PM	OGC: NLO	RLEP:SC:ES	PD:RLEP
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DATE	05/25/05	05/25/05	05/25/05	05/27/05	06 /07/05	06/23/05

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UNITED STATES NUCLEAR REGULATORY COMMISSION

TENNESSEE VALLEY AUTHORITY (TVA)

BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3

DOCKET NOS. 50-259, 50-260, and 50-296

NOTICE OF AVAILABILITY OF THE FINAL SUPPLEMENT 21 TO THE GENERIC

ENVIRONMENTAL IMPACT STATEMENT FOR THE LICENSE RENEWAL OF

BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3

Notice is hereby given that the U.S. Nuclear Regulatory Commission (Commission) has published a final plant-specific supplement to the "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS), NUREG-1437, regarding the renewal of operating licenses DPR-33, DPR-52, and DPR-68 for an additional 20 years of operation at Browns Ferry Nuclear Plant, Unit 1, 2 and 3 (BFN). BFN is located in Limestone County, Alabama, 16 km (10 mi) southwest of Athens, Alabama. Possible alternatives to the proposed action (license renewal) include no action and reasonable alternative energy sources. As discussed in Section 9.3 of the final Supplement 21, based on (1) the analysis and findings in the GEIS, (2) the TVA Environmental Report; (3) consultation with Federal, State, and local agencies; (4) the staff's own independent review; and (5) the staff's consideration of public comments, the recommendation of the staff is that the Commission determine that the adverse environmental impacts of license renewal for Units 1, 2, and 3 at BFN are not so great that preserving the option of license renewal for energy-planning decision makers would be unreasonable.

The final Supplement 21 to the GEIS is available for public inspection at the NRC Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland 20852, or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible at <http://www.nrc.gov/reading-rm/adams.html>. The accession number for the final Supplement 21 to the GEIS is ML051730443. Persons who do not have access to ADAMS, or who encounter problems in accessing the documents located in ADAMS should contact the NRC's PDR Reference staff by telephone at 1-800-397-4209, or 301-415-4737, or by e-mail at [pdr@nrc.gov](mailto:pdr@nrc.gov). In addition, the Athens-Limestone Public Library, 405 East South Street, Athens, Alabama, has agreed to make the final plant-specific supplement to the GEIS available for public inspection.

FOR FURTHER INFORMATION, CONTACT: Dr. Michael Masnik, License Renewal and Environmental Impacts Program, Division of Regulatory Improvement Programs, U.S. Nuclear Regulatory Commission, Washington, D. C., 20555-0001. Dr. Masnik may be contacted at 1-800-368-5642, extension 1191 or via email at [MTM2@nrc.gov](mailto:MTM2@nrc.gov).

Dated at Rockville, Maryland, this 23<sup>rd</sup> day of June, 2005.

FOR THE NUCLEAR REGULATORY COMMISSION

*/RA/*

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts Program  
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Office of Nuclear Reactor Regulation

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