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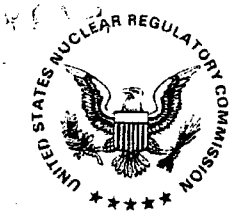

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 7, 2007

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, UNITS 1, 2 AND 3 - ADMINISTRATIVE CHANGES TO FACILITY OPERATING LICENSES IN CONJUNCTION WITH THE COMMISSION ORDER EA-06-037 AND REVISIONS TO PHYSICAL SECURITY PLAN, TRAINING AND QUALIFICATION PLAN, AND SAFEGUARDS CONTINGENCY PLAN (TAC NOS. MD2199, MD2198, AND MD2200)

Dear Mr. Singer:

By letter to the Nuclear Regulatory Commission (NRC) dated April 28, 2006, Tennessee Valley Authority (TVA) submitted its revised plans and confirmed the full implementation at Browns Ferry Nuclear Plant of Order EA-06-037 regarding an updated adversary characteristic in the design basis threat.

The NRC staff has completed its review of the changes related to implementation of Order EA-06-037. As discussed in the enclosed safeguards evaluation (Enclosure 2), the NRC staff has determined that TVA's changes to the security plans meet the requirements of the Order and Part 73 of Title 10 of the *Code of Federal Regulations* (10 CFR) and are, therefore, acceptable. The effectiveness of these security provisions will continue to be the subject of NRC review and inspection.

Consistent with the Order, administrative license changes to Renewed Facility Operating Licenses No. DPR-33, DPR-52, and DPR-68 are being made to incorporate the reference to the revised Physical Security Plan, Safeguards Contingency Plan, and Training and Qualification

NOTICE: Enclosure 2 contains Security-Related Information. Upon separation from Enclosure 2, this letter and Enclosure 1 are DECONTROLLED.

Plan. These changes comply with the standards and requirements of the Atomic Energy Act of 1954, as amended, and the Commission's rules and regulations set forth in 10 CFR Chapter I. Please replace Pages 4, 4, and 4 of the TVA Renewed Facility Operating Licenses for Browns Ferry Nuclear Plant, Units 1, 2, and 3, respectively, with the enclosed pages (Enclosure 1). Enclosure 2 to this letter is designated exempt from public disclosure under 10 CFR 2.390(d)(1).

If you have any questions, please contact me at (301) 415-4041.

Sincerely,

Margaret H. Chernoff

Margaret H. Chernoff, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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

Enclosures:
1. Revised Pages 4, 4, and 4 of Licenses
2. Safeguards Evaluation

cc w/encls 1 and 2: J. O. Mitchell, Site Security Manager
M. Widmann, RII

cc w/encl 1 only: See next page

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Tennessee Valley Authority
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Decatur, AL 35609

Senior Resident Inspector
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State Health Officer
Alabama Dept. of Public Health
RSA Tower - Administration
Suite 1552
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Montgomery, AL 36130-3017

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

Mr. Robert H. Bryan, Jr., General Manager
Licensing and Industry Affairs
Tennessee Valley Authority
4X Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

(3) The licensee is authorized to relocate certain requirements included in Appendix A and the former Appendix B to licensee-controlled documents. Implementation of this amendment shall include the relocation of these requirements to the appropriate documents, as described in the licensee's application dated September 6, 1996, as supplemented December 11, 1996; April 11, May 1, August 14, October 15, November 5 and 14, December 3, 4, 11, 22, 23, 29, and 30, 1997; January 23, March 12 and 13, April 16, 20, and 28, May 7, 14, 19, and 27, and June 2, 5, 10 and 19, 1998; evaluated in the NRC staff's Safety Evaluation enclosed with this amendment. This amendment is effective immediately and shall be implemented within 90 days of the date of this amendment.

(4) Deleted.

(5) Deleted.

(6) Deleted.

(7) Deleted.

(8) Deleted.

(9) Deleted.

(10) Deleted.

(11) The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contains Safeguards Information protected under 10 CFR 73.21, is entitled: "Browns Ferry Nuclear Plant Physical Security Plan, Training and Qualification Plan, and Contingency Plan," submitted by letter dated April 28, 2006.

(12) Deleted.

application dated September 6, 1996, as supplemented May 1, August 14, November 5 and 14, December 3, 4, 11, 22, 23, 29, and 30, 1997; January 23, March 12, April 16, 20 and 28, May 7, 14, 19, and 27, and June 2, 5, 10 and 19, 1998; evaluated in the NRC staff's Safety Evaluation enclosed with this amendment. This amendment is effective immediately and shall be implemented within 90 days of the date of this amendment.

(4) Deleted.

(5) Classroom and simulator training on all power uprate related changes that affect operator performance will be conducted prior to operating at uprated conditions. Simulator changes that are consistent with power uprate conditions will be made and simulator fidelity will be validated in accordance with ANSI/ANS 3.5-1985. Training and the plant simulator will be modified, as necessary, to incorporate changes identified during startup testing. This amendment is effective immediately.

(5)(a) Deleted.

(6) Deleted.

(7) Deleted.

(8) Deleted.

(9) Deleted.

(10) Deleted.

(11) The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contains Safeguards Information protected under 10 CFR 73.21, is entitled: "Browns Ferry Nuclear Plant Physical Security Plan, Training and Qualification Plan, and Contingency Plan," submitted by letter dated April 28, 2006. |

(12) Deleted.

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(3) The licensee is authorized to relocate certain requirements included in Appendix A and the former Appendix B to licensee-controlled documents. Implementation of this amendment shall include the relocation of these requirements to the appropriate documents, as described in the licensee's application dated September 6, 1996; as supplemented May 1, August 14, November 5 and 14, December 3, 4, 11, 22, 23, 29, and 30, 1997; January 23, March 12, April 16, 20, and 28, May 7, 14, 19, and 27, and June 2, 5, 10 and 19, 1998; evaluated in the NRC staff's Safety Evaluation enclosed with this amendment. This amendment is effective immediately and shall be implemented within 90 days of the date of this amendment.

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(6) The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contains Safeguards Information protected under 10 CFR 73.21, is entitled: "Browns Ferry Nuclear Plant Physical Security Plan, Training and Qualification Plan, and Contingency Plan," Revision 4, submitted by letter dated April 28, 2006.

(7) Browns Ferry Nuclear Plant shall implement and maintain in effect all provisions of the approved Fire Protection Program as described in the Final Safety Analysis Report for BFN as approved in the safety evaluations dated December 8, 1988; March 6, 1991, March 31, 1993; November 2, 1995; and Supplement dated November 3, 1989; subject to the following provision:

> The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

(8) Deleted.

Plan. These changes comply with the standards and requirements of the Atomic Energy Act of 1954, as amended, and the Commission's rules and regulations set forth in 10 CFR Chapter I. Please replace Pages 4, 4, and 4 of the TVA Renewed Facility Operating Licenses for Browns Ferry Nuclear Plant, Units 1, 2, and 3, respectively, with the enclosed pages (Enclosure 1). Enclosure 2 to this letter is designated exempt from public disclosure under 10 CFR 2.390(d)(1).

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Sincerely,

/RA/

Margaret H. Chernoff, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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cc w/encls 1 and 2: J. O. Mitchell, Site Security Manager
M. Widmann, RII

cc w/encl 1 only: See next page

DISTRIBUTION: (w/o Enclosure2) **(ORDER EA-06-037)**

PUBLIC	LPL2-2 R/F
RidsNrrDorlLpl2-2	RidsNrrPMEBrown
RidsNrrLABClayton	RidsNrrPMMChernoff
RidsAcrsAcnwMailCenter	RidsOgcRp
RidsRgn2MailCenter	P. S. Lee, NSIR
A. Frazier, NSIR	G. Hill, OIS
P. Milano	RidsNsirLAKGrimes
RidsNrrLACGoldstein	S. Morris

ADAMS Accession No. - Letter and Enclosure 1: ML070450074

ADM-012

OFFICE	LPL2-2/PM	LPL2-2/PM	LPLI-1/LA	NSIR/RSB	NSIR/RSB	NSIR/RSB/BC	LPL2-2/BC
NAME	MChernoff MC	EBrown MC for	S. Little	P. Lee	K. Grimes	S. Morris	L. Raghavan
DATE	2/6/07	2/6/07	2/1/07	01/08/07	01/16/07	01/16/07	02/07/07

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