

May 4, 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: ISSUANCE OF RENEWED FACILITY OPERATING LICENSE NOS. DPR-33,
DPR-52, AND DPR-68 FOR BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2,
AND 3 (TAC NOS. MC1704, MC1705, AND MC1706)

Dear Mr. Singer:

The U.S. Nuclear Regulatory Commission (NRC) has issued Renewed Facility Operating License Nos. DPR-33, DPR-52, and DPR-68 for the Browns Ferry Nuclear Plant (BFN), Units 1, 2, and 3. NRC issued the renewed facility operating licenses based on the staff's review of your application dated December 31, 2003, as supplemented by letters submitted to NRC through April 21, 2006. The Technical Specifications for BFN were not amended as a result of our review.

The technical basis for issuing the renewed license is set forth in NUREG-1843, "Safety Evaluation Report Related to the License Renewal of the Browns Ferry Nuclear Plant (BFN), Units 1, 2, and 3," and Supplement 1, both published in April 2006. The results of the environmental review related to the issuance of the renewed license are contained in NUREG - 1437, Supplement 21, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Regarding Browns Ferry Nuclear Plant (BFN), Units 1, 2, and 3," published in June 2005.

Enclosure 1 contains Renewed Facility Operating License No. DPR-33 and the attachments: Appendices A and B, "Technical Specifications."

Enclosure 2 contains Renewed Facility Operating License No. DPR-52 and the attachments: Appendices A and B, "Technical Specifications."

Enclosure 3 contains Renewed Facility Operating License No. DPR-68 and the attachments: Appendices A and B, "Technical Specifications."

Renewed Facility Operating License No. DPR-33 expires at midnight December 20, 2033.
Renewed Facility Operating License No. DPR-52 expires at midnight June 28, 2034.
Renewed Facility Operating License No. DPR-68 expires at midnight July 2, 2036.

K. Singer

-2-

Enclosure 4 is a copy of the related *Federal Register* notice of issuance of the renewed license. The original has been sent to the Office of the *Federal Register* for publication.

Sincerely,

/RA/

Ram Subbaratnam, Project Manager
License Renewal Branch A
Division of License Renewal
Office of Nuclear Reactor Regulation

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

Enclosures:

1. Renewed Facility Operating License No. DPR-33
2. Renewed Facility Operating License No. DPR-52
3. Renewed Facility Operating License No. DPR-68
4. *Federal Register* Notice

cc w/ *Federal Register* Notice: See next page

K. Singer

-2-

Enclosure 4 is a copy of the related *Federal Register* notice of issuance of the renewed license. The original has been sent to the Office of the *Federal Register* for publication.

Sincerely,

/RA/

Ram Subbaratnam, Project Manager
License Renewal Branch A
Division of License Renewal
Office of Nuclear Reactor Regulation

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

Enclosures:

1. Renewed Facility Operating License No. DPR-33
2. Renewed Facility Operating License No. DPR-52
3. Renewed Facility Operating License No. DPR-68
4. *Federal Register* Notice

cc w/ *Federal Register* Notice: See next page

DISTRIBUTION:

See next page

ADAMS ACCESSION NOS.: ML060970269 - Package
 ML060970332 - Ltr to K. Singer
 ML061110094 - Unit 1 Renewed License
 ML061110102 - Unit 2 Renewed License
 ML061110126 - Unit 3 Renewed License
 ML060970355 - *Federal Register* Notice
 ML061140352 - Unit 1 - Tech Specs. - Appendices A and B
 ML061140209 - Unit 2 - Tech Specs. - Appendices A and B
 ML061140182 - Unit 3 - Tech Specs. - Appendices A and B

OFFICE	PM:RLRA:DLR	PM:RLRA:DLR	LA:RLRA:DLR	Tech Editor	PM:LPLE	PD:LPLE
NAME	YDiaz-Sanabria	RSubbaratnam	YEdmonds	HChang	MChernoff (MMarshall for)	MMarshall
DATE	4/ 26 /06	4/ 26 /06	4/ 28 /06	4/16 /06	4/ 21 /06	4/ 21 /06
OFFICE	OGC NLO	BC:RLRB	D:DLR	D:NRR		
NAME	KWinsberg (AHodgdon for w/ comments)	LLund	FGillespie (PTKuo for)	JDyer		
DATE	4/ 24 /06	4/ 28 /06	5/ 4 /06	5/ 4 /06		

OFFICIAL RECORD COPY

BROWNS FERRY NUCLEAR PLANT

Tennessee Valley Authority

cc:

Mr. Ashok S. Bhatnagar, Senior Vice
President
Nuclear Operations
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Larry S. Bryant, Vice President
Nuclear Engineering & Technical Services
Tennessee Valley Authority
6A Lookout Place
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

General Counsel
Tennessee Valley Authority
ET 11A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. John C. Fornicola, Manager
Nuclear Assurance and Licensing
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Bruce M. Aukland, Plant Manager
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Decatur, AL 35609

Mr. Masoud Bajestani, Vice President
Browns Ferry Unit 1 Restart
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000

Decatur, AL 35609

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. Scott M. Shaeffer
Browns Ferry Unit 1 Project Engineer
Division of Reactor Projects, Branch 6
U.S. Nuclear Regulatory Commission
61 Forsyth Street, SW
Suite 23T85
Atlanta, GA 30303-8931

Mr. Glenn W. Morris, Manager
Corporate Nuclear Licensing and
Industry Affairs
Tennessee Valley Authority
4X Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Mr. William D. Crouch, Manager
Licensing and Industry Affairs
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 35611-6970

State Health Officer
Alabama Dept. of Public Health
RSA Tower - Administration
Suite 1552
P.O. Box 303017
Montgomery, AL 36130-3017

BROWNS FERRY NUCLEAR PLANT

- 2 -

Tennessee Valley Authority

cc:

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

Mr. James Ross
Nuclear Energy Institute
1776 I St., NW, Suite 400
Washington, DC 20006-2708

Mr. Robert J. Beecken, Vice President
Nuclear Support
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Larry S. Mellen
Browns Ferry Unit 1 Project Engineer
Division of Reactor Projects, Branch 6
U.S. Nuclear Regulatory Commission
61 Forsyth Street, SW
Suite 23T85
Atlanta, GA 30303-8931

Letter to Karl W. Singer From R. Subbaratnam dated May 04, 2006

SUBJECT: ISSUANCE OF RENEWED FACILITY OPERATING LICENSE NOS. DPR-33,
DPR-52 AND DPR-68 FOR BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2,
AND 3 (TAC NOS. MC1704, MC1705, AND MC1706)

DISTRIBUTION:

JFair
RWeisman
AMurphy
RPettis
GGalletti
CLi
GBagchi
SSmith (srs3)
SDuraiswamy
YL (Renee) Li
RidsNrrDir
RidsNrrDirRIra
RidsNrrDirRIrb
RidsNrrDe
RidsNrrDci
RidsNrrEemb
RidsNrrDeEeeb
RidsNrrDeEqva
RidsNrrDss
RidsNrrDnrl
RidsOgcMailCenter
RidsNrrDipm
DLR Staff

MMarshall
MChernoff
CJulian, RII
MWidmann, RII
AHodgdon
CCarpenter
DCoe
EKleeh
BClayton
GHill