

UNITED STATES
 ATOMIC ENERGY COMMISSION
 WASHINGTON, D.C. 20545

50-259/260

AUG 2 1974

Tennessee Valley Authority
 ATTN: Mr. James E. Watson
 Manager of Power
 818 Power Building
 Chattanooga, Tennessee 37401

Gentlemen:

The Atomic Energy Commission has issued Amendment No. 4 to License No. DPR-33 and Amendment No. 1 to License No. DPR-52 (copies enclosed) for Browns Ferry Nuclear Plant Units 1 and 2.

Amendment No. 1 to Unit 2 License No. DPR-52 authorizes operation of the facility at reactor core power levels not in excess of 3293 megawatts thermal in accordance with the Technical Specifications as revised by Change No. 5 attached thereto. The license amendment also authorizes an exemption to General Design Criterion 4 with respect to high energy pipes outside containment.

Amendment No. 4 to (Unit 1) License No. DPR-33 incorporates Change No. 5 into the Unit 1 license.

Copies of the notices (2) relating to these amendments, which have been forwarded to the Office of the Federal Register for publication, are enclosed for your use.

Sincerely,

Original Signed by

Voss A. Moore, Assistant Director
 for Light Water Reactors, Group 2
 Directorate of Licensing

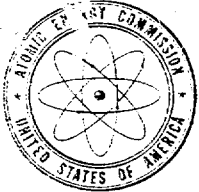
Enclosures:

1. Amendment No. 1 to License No. DPR-52
2. Amendment No. 4 to License No. DPR-33
3. Federal Register Notices (2) relating to Amendment Nos. 1 and 4

Change 5, see attached 8/1/74

[Handwritten signatures and initials]

OFFICE	(see next page)	L:LWR 2-1	L:LWR 2-1	L:LWR 2-1	OGC	L:LWR
SURNAME		Smith:ew	EW:ms	JFStoltz		VAMore
DATE		7/26/74	7/25/74	7/26/74	8/1/74	8/1/74



UNITED STATES
 ATOMIC ENERGY COMMISSION
 WASHINGTON, D.C. 20545

50-259/260

AUG 2 1974

Tennessee Valley Authority
 ATTN: Mr. James E. Watson
 Manager of Power
 818 Power Building
 Chattanooga, Tennessee 37401

Gentlemen:

The Atomic Energy Commission has issued Amendment No. 4 to License No. DPR-33 and Amendment No. 1 to License No. DPR-52 (copies enclosed) for Browns Ferry Nuclear Plant Units 1 and 2.

Amendment No. 1 to Unit 2 License No. DPR-52 authorizes operation of the facility at reactor core power levels not in excess of 3293 megawatts thermal in accordance with the Technical Specifications as revised by Change No. 5 attached thereto. The license amendment also authorizes an exemption to General Design Criterion 4 with respect to high energy pipes outside containment.

Amendment No. 4 to (Unit 1) License No. DPR-33 incorporates Change No. 5 into the Unit 1 license.

Copies of the notices (2) relating to these amendments, which have been forwarded to the Office of the Federal Register for publication, are enclosed for your use.

Sincerely,

~~Original Signed by~~

Voss A. Moore, Assistant Director
 for Light Water Reactors, Group 2
 Directorate of Licensing

Enclosures:

1. Amendment No. 1 to License No. DPR-52
2. Amendment No. 4 to License No. DPR-33
3. Federal Register Notices (2) relating to Amendment Nos. 1 and 4

Change 5; see attached 8/1/74

[Handwritten initials and signatures]

OFFICE → (see next page)	L:LWR 2-1	L:LWR 2-1	L:LWR 2-1	OGC	L:LWR
SURNAME →	Hamth:ew	EWittams	JFStoltz		VAMdove
DATE →	7/26/74	7/25/74	7/26/74	8/1/74	8/1/74

AUG 2 1974

cc: Mr. Robert H. Marquis
General Counsel
629 New Sprankle Building
Knoxville, Tennessee 37919

Dr. Cecil Thomas
Tennessee Valley Authority
303 Power Building
Chattanooga, Tennessee 37401

Mrs. Maude S. Miller, Librarian
Athens Public Library
South and Forrest
Athens, Alabama 35611

Ira L. Myers, M. D.
State Health Officer
State Department of Public Health
State Office Building
Montgomery, Alabama 36104

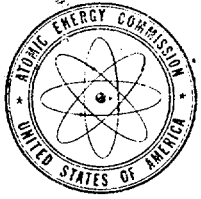
Mr. Thomas Lee Hammons
Chairman, Limestone County
Board of Revenue
Athens, Alabama 35611

Mr. Dave Hopkins
Environmental Protection Agency
1421 Peachtree Street, N. E.
Atlanta, Georgia 30309

bcc: J. R. Buchanan, ORNL
Thomas B. Abernathy, DTIE
A. Rosenthal, ASLAB
N. H. Goodrich, ASLBP

Distribution:

Docket File
AEC PDR
Local PDR
LWR 2-1 File
Attorney, OGC (R. Culp)
RO (3)
N. Dube
M. Jinks (w/4 encls per docket)
V. A. Moore
A. Braitman
F. Williams
S. Kari
W. Miller, DR:AO
H. Smith
D. Scaletti
LWR 2 Branch Chiefs
ACRS (16)
D. Muller
Ellen Brown
B. Scharf (25)



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

TENNESSEE VALLEY AUTHORITY

DOCKET NO. 50-260

BROWNS FERRY NUCLEAR PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 1
License No. DPR-52

1. The Atomic Energy Commission (the Commission) having found that:
 - A. The application for license filed by the Tennessee Valley Authority (the licensee) complies with the standards and requirements of the Atomic Energy Act of 1954, as amended, (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. Construction of the Browns Ferry Nuclear Plant, Unit 2 (the facility) has been substantially completed in conformity with Construction Permit No. CPPR-30 and the application, as amended, the provisions of the Act and the rules and regulations of the Commission.
 - C. The facility will operate in conformity with the license, the provisions of the Act, and the rules and regulations of the Commission;
 - D. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - E. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public;
 - F. An exemption from General Design Criterion No. 4 of Appendix A to 10 CFR Part 50 to permit interim operation until the first refueling outage without modifications consisting of pipe whip restraints for the HPCI, RCIC, and RWCU lines, and relocation and protection of certain instrumentation lines and electrical equipment as listed in licensee's report "Concluding Report on the Effects of Postulated Pipe Failure Outside of Containment for the Browns Ferry Nuclear Plant Units 2 and 3" dated March 1, 1974, is authorized by law and will not endanger life or property or the common defense and security and are otherwise in the public interest (see page 7 of Supplement No. 6 to the Safety Evaluation Report dated June 28, 1974); and
 - G. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.

2. Accordingly, License No. DPR-52 is hereby amended to read as follows:

Paragraph 2. c. (1)

"(1) Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 3293 megawatts thermal."

Paragraph 2. c. (2)

"(2) Technical Specifications

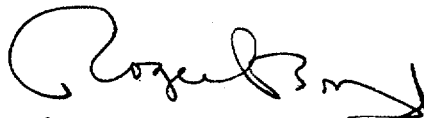
The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 5"

Add paragraph 2. c. (4)

"(4) The licensee is hereby granted an exemption from the requirements of General Design Criterion 4 with respect to high energy pipes outside containment in accordance with the condition set forth in the Technical Specifications, Section 3.6.G.2 which requires completion of those items listed in 'Concluding Report on the Effects of Postulated Pipe Failure Outside of Containment for the Browns Ferry Nuclear Plant Units 2 and 3' and related to Unit 2 prior to startup of Unit 2 following the first refueling outage."

3. This license amendment is effective as of the date of its issuance.

FOR THE ATOMIC ENERGY COMMISSION



A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Attachment:
Change No. 5 to Appendix A
Technical Specifications

Date of Issuance: **AUG 2 1974**

CHANGE NO. 5

TO THE TECHNICAL SPECIFICATIONS

(APPENDIX A)

TENNESSEE VALLEY AUTHORITY

(BROWNS FERRY NUCLEAR PLANT, UNITS 1 AND 2)

1. Page i (Table of Contents) delete:

"Temporary Restrictions la"

2. Delete page la

Date of Issuance: **AUG 2 1974**

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-260

TENNESSEE VALLEY AUTHORITY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

Notice is hereby given that the U. S. Atomic Energy Commission (the Commission) has issued Amendment No. 1 to Facility Operating License No. DPR-52 issued to the Tennessee Valley Authority (the licensee) which revised Technical Specifications for operation of the Browns Ferry Nuclear Plant, Unit 2 (the facility), located in Limestone County, Alabama. The amendment is effective as of its date of issuance.

The amendment permits an exemption to General Design Criterion 4 with respect to high energy pipes outside containment; and operation of the facility at steady state reactor core power levels not in excess of 3293 megawatts thermal. On June 28, 1974, activities authorized under the license were temporarily limited to fuel loading, low power testing, and operation at reactor core power levels not in excess of 33 megawatts thermal (1% of the facility rated power level of 3293 megawatts thermal) until a number of remaining items set forth in the Technical Specifications have been satisfactorily completed. It has been determined by the Director of Regulatory Operations that these remaining items have been satisfactorily completed; therefore, Change No. 5 to the Technical Specifications, which deletes the "Temporary Restrictions" (page 1a) has been issued.


The application complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment.

For further details with respect to this action, see (1) Amendment No. 1 to License No. DPR-52, with any attachments; (2) Supplement No. 6 to the Safety Evaluation, dated June 28, 1974; and (3) the licensee's report "Concluding Report on the Effects of Postulated Pipe Failure Outside of Containment for the Browns Ferry Nuclear Plant Units 2 and 3," dated March 1, 1974. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Athens Public Library, South and Forrests, Athens, Alabama 35611.

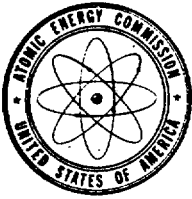
A copy of items (1) and (2) may be obtained upon request addressed to the U. S. Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing - Regulation.

Dated at Bethesda, Maryland, this 2nd day of August 1974

FOR THE ATOMIC ENERGY COMMISSION



John F. Stolz, Chief
Light Water Reactors Project Branch 2-1
Directorate of Licensing



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

TENNESSEE VALLEY AUTHORITY
DOCKET NO. 50-259
(BROWNS FERRY NUCLEAR PLANT, UNIT 1)
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 4
License No. DPR-33

1. The Atomic Energy Commission (the Commission) having found that:
 - A. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - B. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Amendment No. 2 to Facility License No. DPR-33 is hereby amended to read as follows:

"(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 5."

3. This license amendment is effective as of the date of its issuance.

FOR THE ATOMIC ENERGY COMMISSION

~~Original Signed by~~ Original Signed by

Voss A. Moore, Assistant Director
for Light Water Reactors, Group 2
Directorate of Licensing

Attachment:
Change No. 5 to Appendix A
Technical Specifications

Date of Issuance: **AUG 2 1974**

UNITED STATES ATOMIC ENERGY COMMISSION
DOCKET NO. 50-259
TENNESSEE VALLEY AUTHORITY
NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

Notice is hereby given that the U. S. Atomic Energy Commission (the Commission) has issued Amendment No. 4 to Facility Operating License No. DPR-33 issued to the Tennessee Valley Authority which revised Technical Specifications for operation of the Browns Ferry Nuclear Plant Unit 1, located in Limestone County, Alabama. The amendment is effective as of its date of issuance.

The amendment relates to Change No. 5 which deletes from the Technical Specifications the Temporary Restrictions for Browns Ferry Nuclear Plant Unit 2 (Docket No. 50-260).

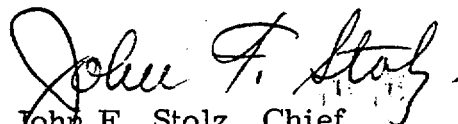
The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment.

For further details with respect to this action, see (1) Amendment No. 4 to License No. DPR-33, with Change No. 5 attached thereto; (2) Amendment No. 3 to License No. DPR-33 and the Commission's related Safety Evaluation; and (3) Facility Operating License No. DPR-52 and Amendment No. 1 thereto (Docket No. 50-260). All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Athens Public Library, South and Forrest, Athens, Alabama 35611.

A copy of items (1), (2) and (3) may be obtained upon request addressed to the U. S. Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing - Regulation.

Dated at Bethesda, Maryland, this 2nd day of August 1974

FOR THE ATOMIC ENERGY COMMISSION



John F. Stolz, Chief
Light Water Reactors Project Branch 2-1
Directorate of Licensing