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Docket Nos. 50-259/260

Tennessee Valley Authority  
ATTN: Mr. James E. Watson  
Manager of Power  
818 Power Building  
Chattanooga, Tennessee 37201

Gentlemen:

The Commission has filed the enclosed "Notice of Proposed Issuance of Amendments to Facility Operating Licenses" with the Office of the Federal Register for publication. The notice relates to your requests dated April 21, July 16, August 13, and August 29, 1975, for approval to amend licenses DPR-33 and DPR-52 for the Browns Ferry Nuclear Plant, Units 1 and 2. These amendments involve changes to the Technical Specifications that would (a) modify in a number of details and reinstate the Technical Specifications authorizing operation of Units 1 and 2, upon satisfactory completion of the work required to restore the plant following the March 22, 1975 fire, (b) change temperature limits for the pressure suppression pool, (c) modify the flow-biased APRM neutron flux scram and rod block set points, (d) incorporate operating limits based on an acceptable evaluation model that conforms with the requirements of Section 50.46 of 10 CFR Part 50, and (e) permit the use of operating limits based on the General Electric Thermal Analysis Basis (GETAB).

Sincerely,

Original signed by:  
Robert A. Purple

Robert A. Purple, Chief  
Operating Reactors Branch #1  
Division of Reactor Licensing

Enclosure:  
Federal Register Notice

cc w/enclosure:  
See next page

SEE PREVIOUS YELLOW FOR CONCURRENCES

*CP-1*  
*PR*

OFFICE ▶						
SURNAME ▶						
DATE ▶						

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Robert A. Purple, Chief  
Operating Reactors Branch #1  
Division of Reactor Licensing

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DATE ▶	9/22/75	9/22/75	9/23/75	9/24/75	9/20/75

*ms 9/24/75*

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

Athens Public Library  
South and Forrest  
Athens, Alabama 35611

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

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

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

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-259 AND 50-260

TENNESSEE VALLEY AUTHORITY

NOTICE OF PROPOSED ISSUANCE OF AMENDMENTS TO  
FACILITY OPERATING LICENSES

The Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to Facility Operating Licenses No. DPR-35 and DPR-52 issued to Tennessee Valley Authority (the licensee), for operation of the Browns Ferry Nuclear Plant, Units 1 and 2, located in Limestone County, Alabama.

The amendments would modify in a number of details and would reinstate the Technical Specifications authorizing operation of Browns Ferry Nuclear Plant, Units 1 and 2, upon satisfactory completion of the work required to restore the plant following the March 22, 1975 fire. This work includes design modifications to provide additional protection against the damage of both redundant components of engineered safeguards equipment from postulated future fires.

The amendments would also revise the provisions in the Technical Specifications to permit operation of the facilities using operating limits based on the General Electric Thermal Analysis Basis (GETAB) and using modified operating limits based upon an evaluation of ECCS performance calculated in accordance with an acceptable evaluation model that conforms to the requirements of the Commission's regulations in 10 CFR 50.46. The amendments would modify various limits established in accordance with the Commission's Interim Acceptance Criteria and would terminate the

further restrictions imposed by the Commission's December 27, 1974 Order for Modification of License and would impose instead, limitations established in accordance with the Commission's Acceptance Criteria for Emergency Core Cooling Systems for Light Water Nuclear Power Reactors, 10 CFR 850.46.

The amendments would also revise the provisions in the Technical Specifications to modify the flow-biased APRM neutron flux scram and rod block set points in accordance with the licensee's application dated July 16, 1975.

The amendments would also revise the provisions in the Technical Specifications relating to the temperature limits for the pressure suppression pool water in accordance with the licensee's application dated April 21, 1975.

Prior to issuance of the proposed license amendments, the Commission will have made the findings required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations.

By November 6, 1975, the licensee may file a request for a hearing and any person whose interest may be affected by this proceeding may file a request for a hearing in the form of a petition for leave to intervene with respect to the issuance of the amendments to the subject facility operating licenses. Petitions for leave to intervene must be filed under oath or affirmation in accordance with the provisions of Section 2.714 of 10 CFR Part 2 of the Commission's regulations. A petition for leave to intervene must set forth the interest of the

petitioner in the proceeding, how that interest may be affected by the results of the proceeding, and the petitioner's contentions with respect to the proposed licensing action. Such petitions must be filed in accordance with the provisions of this FEDERAL REGISTER notice and Section 2.714, and must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Section, by the above date. A copy of the petition and/or request for a hearing should be sent to the Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555 and to Mr. Robert H. Marquis, General Counsel, 629 New Sprankle Building, Knoxville, Tennessee 37919, the attorney for the licensee.

A petition for leave to intervene must be accompanied by a supporting affidavit which identifies the specific aspect or aspects of the proceeding as to which intervention is desired and specifies with particularity the facts on which the petitioner relies as to both this interest and his contentions with regard to each aspect on which intervention is requested. Petitions stating contentions relating only to matters outside the Commission's jurisdiction will be denied.

All petitions will be acted upon by the Commission or licensing board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel. Timely petitions will be considered to determine whether a hearing should be noticed or another appropriate order issued regarding the disposition of the petitions.

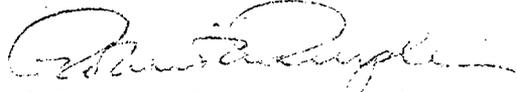
In the event that a hearing is held and a person is permitted to intervene, he becomes a party to the proceeding and has a right to participate fully in the conduct of the hearing. For example, he may present evidence and examine and cross-examine witnesses.

For further details with respect to this action, see (1) the application for amendment dated August 13, 1975, (2) the application for amendment dated August 29, 1975, (3) the Commission's Order for Modification to License and the documents referred to in the Order dated December 27, 1974 (published in the FEDERAL REGISTER on January 9, 1975 (40 FR 1777), (4) the application for amendment dated July 16, 1975, (5) the application for amendment dated April 21, 1975, (6) the "Plan for Evaluation, Repair, and Return to Service of Browns Ferry Units 1 and 2 (March 22, 1975 Fire)" dated April 13, 1975 and revisions thereto, and (7) Amendments No. 14 and 13 to Licenses No. DPR-35 and DPR-52, respectively, with the related Safety Evaluation dated September 2, 1975, which are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C. and at the Athens Public Library, South and Forrest, Athens, Alabama 35611. The license amendments and the Safety Evaluation, when issued, may be inspected at the above locations and a copy may be obtained upon request addressed to the

U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention:  
Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this 30th day of September 1975.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Purple, Chief  
Operating Reactors Branch #1  
Division of Reactor Licensing

NO. \_\_\_\_\_ OF PROPOSED LICENSING AMENDMENT

Licensee: Tennessee Valley Authority

Request for: Reinstatement of Technical Specifications for operation of  
Browns Ferry Plant Units 1 and 2.

Request Date: August 13, 1975

- Proposed Action: (X) Pre-notice Recommended  
 ( ) Post-notice Recommended  
 ( ) Determination delayed pending completion of Safety Evaluation

Basis for Decision: The March 22, 1975 fire at Browns Ferry resulted in more  
loss of redundant equipment than any malfunction evaluated  
in the Safety Analysis Report. The considerations involved  
in authorizing a return to operation include the determina-  
tion that the design modifications and changes in admini-  
strative controls made by the licensee to prevent the loss  
of redundant equipment from a fire satisfactorily restore  
the margin of safety defined in the basis for the LCO's  
relating to redundant engineered safeguards equipment.

(See back for continuation)

CONCURRENCES:

DATE:

1. T. V. Wambach *TVM 9/10/75*
2. R. A. Purple *RA 9/11/75*
3. K. R. Collier *Karl R. Collier 9/11*
4. Office of Executive Legal Director

CONCURRENCE IN THIS PRELIMINARY DETERMINATION DENOTES CONCURRENCE IN THE PRE-NOTICE

*Per Mead to Case before I have!*

*See comment on Notice 9/22*