



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 226 TO FACILITY OPERATING LICENSE NO. DPR-33

AMENDMENT NO. 241 TO FACILITY OPERATING LICENSE NO. DPR-52

AMENDMENT NO. 200 TO FACILITY OPERATING LICENSE NO. DPR-68

TENNESSEE VALLEY AUTHORITY

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

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

1.0 INTRODUCTION

By letter dated September 30, 1993, Tennessee Valley Authority (the licensee), submitted a request for amendments to the Browns Ferry Nuclear Plant (BFN) Units 1, 2, and 3 Operating Licenses. The proposed changes add a reference to the November 2, 1995 Safety Evaluation (Enclosure 4 of this document) of the BFN Appendix R Safe Shutdown Program. The licensee also proposes to modify the license for BFN Unit 3 by adding the definition of the Appendix R Safe Shutdown Program.

The Technical Specifications (TS) for BFN Units 1, 2, and 3 were revised to implement the guidance of Generic Letter (GL) 86-10, "Implementation of Fire Protection Requirements," and GL 88-12, "Removal of Fire Protection Requirement from Technical Specifications." Since the BFN Appendix R Safe Shutdown Program was originally developed to support Unit 2 restart it did not take into account operation of Units 1 or 3; therefore, in order to support Unit 3 restart, the program was modified by a submittal dated December 20, 1994. This modified program was approved by the staff in a Safety Evaluation dated November 2, 1995. It is this Safety Evaluation that the licensee has requested to reference in the Operating Licenses of all three units.

2.0 EVALUATION

Sections 2.C.13, 2.C.14, and 2.C.7 of the Operating Licenses for BFN Units 1, 2, and 3, respectively, contain references to the dates of the Safety Evaluations approving the Fire Protection Program that the licensee will implement. Since a modified Appendix R Safe Shutdown Program has been evaluated by the staff, the license for each unit must be amended to reflect accurately the program that is to be implemented.

The Appendix R Safe Shutdown Program has been reviewed and approved by the staff, as documented in a safety evaluation dated November 2, 1995. This amendment to the operating licenses of BFN Units 1, 2, and 3 appropriately updates the licenses to reflect the issuance of this safety evaluation, and is therefore acceptable.

Enclosure 5

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The staff also finds that the definition of the Appendix R Safe Shutdown Program is consistent with the staff's November 2, 1995 safety evaluation, and is also acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations the Alabama state official was notified of the proposed issuance of the amendment. The state official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendments change requirements with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration, and there has been no public comment on such finding (59 FR 629). Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

5.0 CONCLUSION

The Commission has concluded, based upon the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and (3) issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: George F. Wunder

Dated: November 2, 1995



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