



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

ENCLOSURE 3

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 207 TO FACILITY OPERATING LICENSE NO. DPR-33
AMENDMENT NO. 180 TO FACILITY OPERATING LICENSE NO. DPR-68

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT, UNITS 1 AND 3

DOCKET NOS. 50-259 AND 50-296

1.0 INTRODUCTION

By letter dated April 1, 1992, the Tennessee Valley Authority (the licensee) submitted proposed changes to the Browns Ferry Nuclear Plant (BFN) Units 1 and 3 Technical Specifications (TS). These changes add administrative controls to maintain a post-accident sampling system (PASS), as requested by Generic Letter (GL) 83-36, "NUREG-0737 Technical Specifications." Section II.B.3 of NUREG-0737, "Clarification of TMI Action Plan Requirements," sets forth requirements for PASS capability. The licensee has committed in letters dated January 9, 1991 and July 10, 1991 to resolve all TMI action plan requirements, including PASS, prior to the restart of BFN Units 1 and 3. The licensee also committed to complete implementation of NUREG-0737 TS in accordance with GL 83-36. The submittal of April 1, 1992 provides the TS required for PASS. The PASS administrative controls for BFN Units 1 and 3 are identical to those added to the BFN Unit 2 TS on April 10, 1991.

2.0 EVALUATION

Enclosure 1 to GL 83-36 provides staff guidance for PASS TS. It states, in part:

Licensees should ensure that their plant has the capability to obtain and analyze reactor coolant and containment atmosphere samples under accident conditions. An administrative program should be established, implemented and maintained to ensure this capability. The program should include:

- a) training of personnel
- b) procedures for sampling and analysis, and
- c) provisions for maintenance of sampling and analysis equipment

It is acceptable to the Staff, if the licensee elects to reference this program in the administrative controls section of the Technical Specifications and include a detailed description of the program in the plant operation manuals. A copy of the program should be readily available to the operating staff during accident and transient conditions.

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The licensee's April 1, 1992 submittal revises Section 6.0, "Administrative Controls," of the BFN Unit 1 and 3 TS consistent with the guidance quoted above. The licensee submittal explicitly addresses each of the three items (training, procedures, and maintenance) requested by GL 83-36 for PASS. The proposed TS provide appropriate administrative controls for PASS and are, therefore, 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 (57 FR 22269). 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 on 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: Joseph F. Williams

Dated: June 21, 1994



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