



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 231 TO FACILITY OPERATING LICENSE NO. DPR-33

AMENDMENT NO. 246 TO FACILITY OPERATING LICENSE NO. DPR-52

AMENDMENT NO. 206 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 May 3, 1996, the Tennessee Valley Authority (the licensee) requested amendments of the technical specifications (TS) for the Browns Ferry Nuclear Plant (BFN) Units 1, 2, and 3. The changes are administrative, deleting outdated temporary requirements, and providing clarifications and corrections.

2.0 DESCRIPTION OF PROPOSED TECHNICAL SPECIFICATIONS CHANGES

The changes consist of three parts, designated by the licensee as A, B, and C. Part A deletes TS requirements associated with BFN Unit 2 Amendment 219, issued November 12, 1993, to permit modification of reactor vessel water level instrumentation requested by NRC Bulletin 93-03. Part B deletes TS requirements associated with Amendment 228, issued on December 7, 1994, which provided a temporary change to permit upgrade of electrical equipment. The modifications associated with Parts A and C are complete. Part C provides other administrative changes to clarify requirements and to implement rule changes. The TS affected by each part are described below.

Part A:

In BFN Unit 2 TS Table 3.2.B, the asterisk and the footnote from page 3.2/4.2-14 will be deleted. The footnote is applicable only to instrumentation modifications associated with NRC Bulletin 93-03. These modifications have been completed.

Part B:

The amendment deletes TS associated with BFN Unit 2 amendment 228. The affected specifications are TS 3.9.A.4 and 3.9.B.8. The items being deleted were in effect between January 1 and December 31, 1995 only for upgrade of battery systems. These modifications have been completed.

Enclosure 4

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Part C:

This section consists of five items intended to clarify existing requirements or to correct discrepancies in earlier amendments. Each item is summarized below.

1. BFN Units 1, 2, and 3, TS Table of Contents, page iii, Section 3.8/4.8, Radioactive Materials, Item D., currently reads: "D. Mechanical Vacuum Pump...3.8/4.8-4." The revised specification deletes this item. This change was overlooked in Amendments 212, 227, and 185 for BFN Units 1, 2, and 3, respectively. These amendments were approved on September 27, 1994.
2. BFN Unit 2 TS page 1.0-9, 1.0, Definitions, Item Number 13, Source Check, is deleted.
3. The definition in BFN Units 1, 2, and 3 TS page 1.0-11, Section 1.0, Definitions, Item KK, for "Members of the Public" is revised to be consistent with recent changes to 10 CFR Part 20.
4. BFN Units 1, 2, and 3 TS page 3.2/4.2-9 (Units 1 and 2), and page 3.2./4.2-10 (Unit 3) Table 3.2.A, Primary Containment And Reactor Building Isolation Instrumentation is revised to delete reference to Group 1 isolation initiating logic on main steamline high radiation. This item was also overlooked in the September 27, 1994 amendments discussed above.
5. BFN Units 1, 2, and 3 TS pages 3.2/4.2-10, Table 3.2.A, Primary Containment And Reactor Building Isolation Instrumentation, remarks referencing Group 1 b. actuation logic as "Main Steamline High Radiation" is being deleted. This item was also overlooked in the September 27, 1994 amendments discussed above.

3.0 EVALUATION

The changes associated with Parts A and B delete temporary requirements which have expired. Therefore, these changes are acceptable.

Part C, item 1, deletes a table of contents reference to specifications deleted by amendments issued on September 27, 1994.

Part C, item 2, deletes a definition for source check in the BFN Unit 2 TS. This definition had been previously deleted in BFN Unit 2 Amendment 216, issued on September 22, 1993. The definition was inadvertently reinserted by Amendment 217, issued on October 21, 1993. The change corrects this error.

Part C, item 3, revises the definition of "Member of the Public" to be anyone other than someone that receives an occupational dose as defined by 10 CFR Part 20. A member of the public is defined in 10 CFR 20.1003 as "any individual except when that individual is receiving an occupational dose." The proposed definition is consistent with 10 CFR 20.



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Part C, items 4 and 5, remove references to main steam radiation monitoring equipment. The licensee erroneously excluded these items in its license amendment request of March 25, 1993 to support deletion of this equipment. Therefore, these items were not included in Amendments 212, 227, and 185 for BFN Units 1, 2, and 3, respectively, which were approved on September 27, 1994.

4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Alabama State official (Kirk Whatley) was notified of the proposed issuance of the amendment. The State official had no comments.

5.0 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 and changes the surveillance requirements. 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 (61 FR 42284). 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.

6.0 CONCLUSION

The Commission has concluded, based upon the considerations discussed above, that: (1) the amendment does not (a) significantly increase the probability or consequences of an accident previously evaluated, (b) create the possibility of a new or different kind of accident from any previously evaluated, or (c) significantly reduce a margin of safety, and therefore, the amendment does not involve a significant hazards consideration; (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner; (3) such activities will be conducted in compliance with the Commission's regulations; and (4) 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: Joseph Williams

Dated: September 18, 1996

