

May 8, 2003

Mr. R. T. Ridenoure
Division Manager - Nuclear Operations
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm.
P.O. Box 550
Fort Calhoun, NE 68023-0550

SUBJECT: FORT CALHOUN STATION, UNIT NO. 1 - ISSUANCE OF AMENDMENT
(TAC NO. MB7498)

Dear Mr. Ridenoure:

The Commission has issued the enclosed Amendment No. 218 to Facility Operating License No. DPR-40 for the Fort Calhoun Station, Unit No. 1 (FCS). The amendment consists of changes to the Technical Specifications (TSs) in response to your application dated January 27, 2003.

The amendment makes administrative and editorial changes to the FCS TS 1.3 Basis (1); 2.7 (1)a; 2.7 (1)b; 2.7 (1)d; 2.7 (1)i; 2.7 Basis; 3.0.2; Table 3-5, Item 11; and 3.5(3)ii. The changes consist primarily of editorial and typographical changes or corrections.

A copy of the related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,

/RA/

Alan B. Wang, Project Manager, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-285

Enclosures: 1. Amendment No. 218 to DPR-40
2. Safety Evaluation

cc w/encls: See next page

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OMAHA PUBLIC POWER DISTRICT

DOCKET NO. 50-285

FORT CALHOUN STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 218
License No. DPR-40

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Omaha Public Power District (the licensee) dated January 27, 2003, 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. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. 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;
 - D. The issuance of this license amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, Facility Operating License No. DPR-40 is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B. of Facility Operating License No. DPR-40 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 218, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The license amendment is effective as of its date of issuance and shall be implemented within 60 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Stephen Dembek, Chief, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical
Specifications

Date of Issuance: May 8, 2003

ATTACHMENT TO LICENSE AMENDMENT NO. 218

FACILITY OPERATING LICENSE NO. DPR-40

DOCKET NO. 50-285

Replace the following pages of Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain vertical lines indicating the areas of change.

REMOVE

1-6
2-32
2-36a
3-0a
3-20d
3-37

INSERT

1-6
2-32
2-36a
3-0a
3-20d
3-37

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 218 TO FACILITY OPERATING LICENSE NO. DPR-40

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN STATION, UNIT NO. 1

DOCKET NO. 50-285

1.0 INTRODUCTION

By application dated January 27, 2003, Omaha Public Power District (OPPD) requested changes to the Technical Specifications (Appendix A to Facility Operating License No. DPR-40) for the Fort Calhoun Station, Unit No. 1. The requested changes would make administrative and editorial changes to the Fort Calhoun Station (FCS) Technical Specifications (TS) 1.3 Basis (1); 2.7(1)a; 2.7(1)b; 2.7(1)d; 2.7(1)i; 2.7 Basis; 3.0.2; Table 3-5; Item 11; and 3.5(3)ii.

2.0 REGULATORY REQUIREMENTS

The proposed TSs changes are administrative in nature, primarily typographical or editorial.

3.0 EVALUATION

3.1 Change to TS 2.7(1)a

The proposed change would replace "TIA-1" to "T1A-1". This is a typographical error that was probably caused by a font that was not easily discernable as to whether the character was a 1 (one) or the capital letter "I". The tag number for the transformer is T1 – T for transformer and 1 (one) for the first transformer. The transformers specified in Section 2.7(1)a are correctly identified in Section 2.7(2)a. The staff concludes that this change is editorial in nature and therefore, is acceptable.

3.2 Change to TS 2.7(1)b

The proposed change would replace "TIA-3" to "T1A-3". This is a typographical error that was probably caused by a font that was not easily discernable as to whether the character was a 1 (one) or the capital letter "I". The tag number for the transformer is T1 – T for transformer and 1 (one) for the first transformer. The transformers specified in Section 2.7(1)b are correctly identified in Section 2.7(2)b and c. The staff concludes that this change is editorial in nature and therefore, is acceptable.

3.3 Change to TS 2.7(1)d

The proposed change would replace "TIB-3A, TIB3B, TIB-3C, TIB-4A, TIB-4B, TIB-4C" to "T1B-3A, T1B3B, T1B-3C, T1B-4A, T1B-4B, T1B-4C". This is a typographical error that was probably caused by a font that was not easily discernable as to whether the character was a 1 (one) or the capital letter "I". The tag number for the transformer is T1 – T for the transformer and 1 (one) for the first transformer. The transformers specified in Section 2.7(1)d are correctly identified in Section 2.7(2)e. The staff concludes that these changes are editorial in nature and therefore, are acceptable.

3.4 Change to TS 2.7(1)i

The proposed change would replace "AI-40-A" to "AI-40A". This is a typographical error that was probably caused when the hyphen or dash was used to separate the tag "AI-40" from the "A, B, C, D," representing the four different AI-40 panels. The tag number for the instrument bus panels are "AI-40A, AI-40B, AI-40C, AI-40D." The staff concludes that this change is editorial in nature and therefore, is acceptable.

3.5 Change to TS 3.0.3

The proposed change changes the frequency for "Shift" from "At least once per 8 hours," to "At least once per 12 hours." This specification defines the frequency at which "channel checks," operator log readings for temperature, level, pressure, etc. are taken, and equipment status is verified. At the time that these TSs were written, the operations personnel were on an eight-hour shift. Operations shift personnel are now on a 12-hour shift.

Operating experience has demonstrated that channel failures are rare and therefore, the probability of two random failures in redundant channels in any 12-hour period is extremely low. In addition, many of these parameters are also displayed, alarmed, and logged on the plant computer giving the operator further warning of abnormal conditions. A catastrophic failure of the equipment subject to these surveillances would, in most cases, result in a plant alarm and not be discovered by the performance of the surveillance. These surveillances serve primarily to minimize the changes of loss of protective function due to a slow degradation of equipment and to identify trends or subtle differences between redundant channels. These surveillances supplement less formal, but more frequent, checks of channel operability, tank levels, system temperatures, etc., made in the course of normal operational use of plant displays for the parameters associated with these surveillances.

NUREG-1432, "Improved Standard Technical Specifications," does not provide a tabular format of the various surveillance frequency intervals as shown in TS 3.0.2. NUREG-1432, however, does prescribe that "channel checks," verification of level, position, mode, etc., and other required readings be performed at 12-hour intervals and, in some cases 24-hour intervals. The NUREG-1432 surveillances are similar to those surveillances listed in FCS Tables 3-1, 3-2, and 3-3, which have a frequency requirement of once per shift.

Each surveillance requirement has a specified frequency in which the surveillance must be met in order to meet the associated limiting condition for operation (LCO). By redefining a "shift" from 8 hours to 12 hours, the frequency of the surveillances that are required once per shift has

been increased by 4 hours. The staff agrees with the licensee that the extension of these surveillances will not decrease the effectiveness of the LCO for the reasons discussed above. In addition, this change is consistent with the improved Standard Technical Specification. Therefore, the staff concludes that this change is acceptable, because it is administrative in nature.

3.6 Change to Table 3-5, Item 11

The proposed change would revise the title of item 11 so that it reads "Containment Ventilation System Fusible Linked Dampers." The licensee states that this change is needed to more accurately describe the subject fusible links and clarify the description. With Amendment 198, FCS changed the credit for containment iodine removal from the VA-3A and VA-3B fans to the containment spray system. This description should have been revised when changes were made to support Amendment 198, but was overlooked. This proposed change is justified by the NRC safety evaluation issued with Amendment 198. The staff concludes that this change is editorial in nature and therefore, is acceptable.

3.7 Change to TS 3.5(3)ii

The proposed revision changes "Personnel Access Lock" to "Personnel Air Lock." This change is being made to assure consistent use of the same terminology throughout the TSs. Section 5.19(1) refers to "Personnel Air Lock" and this is also the commonly accepted terminology used in the FCS USAR, plant procedures, and by operations personnel. The staff concludes that this change is editorial in nature and therefore, is acceptable.

3.8 Changes to Bases Section

The licensee proposed changes to the following Bases: 1.3 Basis (1) and 2.7 Basis. TS 5.20, "Technical Specification (TS) Bases Control Program," assures the continuing accuracy and adequacy of the Bases Sections. Therefore, the Bases changes have had the appropriate administrative controls and reviews performed to assure the accuracy and adequacy of the change. The staff has reviewed these Bases changes and has no objections to them.

4.0 STATE CONSULTATION

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

5.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and changes surveillance requirements. The NRC staff has determined that the amendment involves 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 amendment involves no significant hazards consideration and there has been no public comment on such finding (68 FR 12955). Accordingly, the amendment meets 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 amendment.

6.0 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 amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: D. Duvigneaud

Date: May 8, 2003