

March 15, 2001

Mr. Garry L. Randolph  
Senior Vice President and Chief Nuclear Officer  
Union Electric Company  
Post Office Box 620  
Fulton, MO 65251

SUBJECT: CALLAWAY PLANT, UNIT 1 - ISSUANCE OF AMENDMENT RE: CHANGES  
TO THE BASES CONTROL PROGRAM REQUIREMENTS (TAC NO. MB0594)

Dear Mr. Randolph:

The Commission has issued the enclosed Amendment No. 142 to Facility Operating License No. NPF-30 for the Callaway Plant, Unit 1. The amendment consists of changes to the Technical Specifications (TS) in response to your application dated November 22, 2000.

The amendment revises TS 5.5.14, "Technical Specifications (TS) Bases Control Program" to reflect the changes made to 10 CFR 50.59 as published in the *Federal Register* on October 4, 1999 (Volume 64, Number 191, "Changes, Tests, and Experiments," pages 53582 through 53617). A conforming change is made to TS 5.5.14 to replace the word "involves" with the word "requires," as it applies to changes to the TS Bases without prior NRC approval.

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

Sincerely,

/RA/

David H. Jaffe, Senior Project Manager, Section 1  
Strategic Teaming and Resource Sharing (STARS)  
Project Directorate IV & Decommissioning  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-483

Enclosures: 1. Amendment No. 142 to NPF-30  
2. Safety Evaluation

cc w/encls: See next page

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\*See previous concurrence

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 15, 2001

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Project Directorate IV & Decommissioning  
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cc w/encls: See next page

Callaway Plant, Unit 1

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

UNION ELECTRIC COMPANY

CALLAWAY PLANT, UNIT 1

DOCKET NO. 50-483

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 142  
License No. NPF-30

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Union Electric Company (UE, the licensee) dated November 22, 2000, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's 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 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, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of Facility Operating License No. NPF-30 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 142 and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment: Changes to the Technical  
Specifications

Date of Issuance: March 15, 2001

ATTACHMENT TO LICENSE AMENDMENT NO. 142

FACILITY OPERATING LICENSE NO. NPF-30

DOCKET NO. 50-483

Replace the following page of the Appendix A Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains vertical lines indicating the areas of change.

REMOVE

5.0-25

INSERT

5.0-25

5.5 Programs and Manuals (continued)

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5.5.14      Technical Specifications (TS) Bases Control Program

This program provides a means for processing changes to the Bases of these Technical Specifications.

- a.      Changes to the Bases of the TS shall be made under appropriate administrative controls and reviews.
- b.      Licensees may make changes to Bases without prior NRC approval provided the changes do not require either of the following:
  - 1.      a change in the TS incorporated in the license; or
  - 2.      a change to the updated FSAR or Bases that requires NRC approval pursuant to 10 CFR 50.59.
- c.      The Bases Control Program shall contain provisions to ensure that the Bases are maintained consistent with the FSAR.
- d.      Proposed changes that meet the criteria of Specification 5.5.14b above shall be reviewed and approved by the NRC prior to implementation. Changes to the Bases implemented without prior NRC approval shall be provided to the NRC on a frequency consistent with 10 CFR 50.71(e).

5.5.15      Safety Function Determination Program (SFDP)

This program ensures loss of safety function is detected and appropriate actions taken. Upon entry into LCO 3.0.6, an evaluation shall be made to determine if loss of safety function exists. Additionally, other appropriate actions may be taken as a result of the support system inoperability and corresponding exception to entering supported system Condition and Required Actions. This program implements the requirements of LCO 3.0.6. The SFDP shall contain the following:

- a.      Provisions for cross train checks to ensure a loss of the capability to perform the safety function assumed in the accident analysis does not go undetected;
- b.      Provisions for ensuring the plant is maintained in a safe condition if a loss of function condition exists;

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(continued)



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 142 TO FACILITY OPERATING LICENSE NO. NPF-30

UNION ELECTRIC COMPANY

CALLAWAY PLANT, UNIT 1

DOCKET NO. 50-483

1.0 INTRODUCTION

By application dated November 22, 2000, Union Electric Company, requested changes to the Technical Specifications (TSs) (Appendix A to Facility Operating License No. NPF-30) for the Callaway Plant, Unit 1. The proposed changes revise TS 5.5.14, "Technical Specifications (TS Bases Control Program)" to reflect the changes made to 10 CFR 50.59, as published in the *Federal Register* on October 4, 1999 (Volume 64, Number 191, "Changes, Tests, and Experiments," pages 53582 through 53617). A conforming change is made to TS 5.5.14 to replace the word "involves" with the word "requires" as it applies to changes made to the TS Bases without prior NRC approval.

2.0 BACKGROUND

The requirements of 10 CFR 50.59 establish the conditions under which licensees may make changes to the facility or procedures and conduct test or experiments without prior NRC approval.

In 1999, the NRC revised its regulations (*Federal Register* - Volume 64, Number 191, dated October 4, 1999) controlling changes, tests, and experiments performed by nuclear plant licensees. The rule changes clarified the specific types of changes, tests, and experiments conducted at a licensed facility that require evaluation, and revised the criteria that licensees must use to determine when NRC approval is needed before such changes, tests, and experiments can be implemented. The final rule also added definitions for terms that have been subject to differing interpretations, and reorganized the rule language for clarity. Under the revised 10 CFR 50.59, proposed changes, tests, and experiments that satisfy the definitions and one or more of the criteria in the rule must be reviewed and approved by the NRC before implementation.

The TS Bases Control Program allows licensees to make changes to the Bases in accordance with TS 5.5.14 without prior NRC approval, provided the change does not "involve" a change to the Updated Final Safety Analysis Report or Bases involving an "unreviewed safety question" as defined in 10 CFR 50.59. With the revisions to 10 CFR 50.59, the definition of "unreviewed safety question" was eliminated. Therefore, the TS should be revised to be consistent with the

revision to 10 CFR 50.59. A conforming change would be made to TS 5.5.14 to replace the word "involves," as used above with the word "requires."

### 3.0 EVALUATION

The proposed changes to TS 5.5.14 are required to reflect the revisions to 10 CFR 50.59, in that the definition of "unreviewed safety question" was eliminated. The revised TS 5.5.14, however, retains the requirement for prior NRC approval of changes to the TS Bases in such cases as are specified in the revised 10 CFR 50.59. The proposed change to TS 5.5.14 to replace the word "involve," as used above does not affect the requirements of the subject TS. The TS should, therefore, be revised to be consistent with the revision to 10 CFR 50.59 and the proposed editorial change described herein.

### 4.0 STATE CONSULTATION

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

### 5.0 ENVIRONMENTAL CONSIDERATION

The amendment relates to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). 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. H. Jaffe

Date: March 15, 2001