



**Constellation
Nuclear**

**Calvert Cliffs
Nuclear Power Plant**

*A Member of the
Constellation Energy Group*

July 26, 2001

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
License Amendment Request: Revision to Technical Specification 5.5.14,
"Technical Specifications Bases Control Program"

REFERENCES: (a) Federal Register, Vol. 64, No. 191, pg. 53582, "Changes, Tests, and Experiments"
(b) Industry/TSTF Standard Technical Specification Change Traveler TSTF-364, "Revision to TS Bases Control Program to Incorporate Changes to 10 CFR 50.59," Rev 0 as amended by WOG ED-24

Pursuant to 10 CFR 50.90, Calvert Cliffs Nuclear Power Plant, Inc. (CCNPP) hereby requests an amendment to Renewed Operating License Nos. DPR-53 and DPR-69 to incorporate the changes described below into the Technical Specifications (TS) for Calvert Cliffs Unit Nos. 1 and 2.

DESCRIPTION

The proposed amendment revises the Unit Nos. 1 and 2 TS Administrative Controls TS 5.5.14.b and 5.5.14.b.2 to incorporate the changes made to 10 CFR 50.59 as published in the Federal Register (Reference a). The proposed changes would replace the word "involve" with "require" in TS 5.5.14.b, and revise TS 5.5.14.b.2 to state: "a change to the UFSAR or Bases that requires NRC approval pursuant to 10 CFR 50.59."

BACKGROUND

Nuclear Regulatory Commission (NRC) Regulation 10 CFR 50.59 establishes the conditions under which licensees may make changes to the facility or procedures and conduct tests or experiments without prior NRC approval.

In 1999, the NRC revised its regulations (Reference a) for controlling changes, tests, and experiments performed by nuclear plant licensees. The changes were prompted by the need to resolve differences in interpretations of the rule's requirements by the industry and NRC that came into clear focus in 1996.

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The changes had two principal objectives, both aimed at restoring much needed regulatory stability to this regulation:

- Establish clear definitions to promote common understanding of the rule's requirements; and
- Clarify the criteria for determining when changes, tests, and experiments require prior NRC approval.

The changes approved by the Commission in 1999 made 10 CFR 50.59 more focused and efficient by:

- Providing greater flexibility to licensees, primarily by allowing changes that have minimal safety impact to be made without NRC approval; and
- Clarifying the threshold for "screening out" changes that do not require full evaluation under 10 CFR 50.59, primarily by adoption of key definitions and codifying the rule process.

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 current TS Bases Control Program required by TS 5.5.14 allows licensees to make a change to the Bases without NRC approval provided the change does not involve "a change to the updated FSAR or Bases that involves an unreviewed safety question as defined in 10 CFR 50.59." With the revisions to 10 CFR 50.59, the term "unreviewed safety question" was eliminated. Therefore, the TS should be revised to be consistent with the revision to 10 CFR 50.59. The proposed change is described below and is consistent with NRC-approved industry Technical Specification Task Force (TSTF) Standard Technical Specification Change Traveler, TSTF-364, Revision 0, as amended by Westinghouse Owners Group (WOG) editorial change WOG-ED-24, (Reference b).

REQUESTED CHANGES

Change Administrative Controls TS 5.5.14 of the CCNPP Unit Nos. 1 and 2 TS as shown in Attachment (1).

SAFETY ANALYSIS

The proposed changes to TS 5.5.14 are made as a result of the NRC amending its regulation, 10 CFR 50.59, concerning the authority for licensees to make changes to the facility or procedures, or to conduct tests or experiments, without prior NRC approval. The final rule clarifies the specific types of changes, tests, and experiments conducted at a licensed facility that require evaluation, and revises the criteria that licensees must use to determine when NRC approval is needed before such changes, tests, or experiments can be implemented. The revised regulation eliminates the term "unreviewed safety question," adds definitions for terms that have been subject to differing interpretations, and reorganizes the language of the regulation for clarity.

The proposed changes to TS 5.5.14 to incorporate the NRC approved TSTF-364, Revision 0, as amended by WOG-ED-24, do not have any safety impact. This change is administrative in nature based on the revision of 10 CFR 50.59.

DETERMINATION OF SIGNIFICANT HAZARDS

The proposed amendment revises the Unit Nos. 1 and 2 Technical Specifications (TS) Administrative Controls TS 5.5.14.b and 5.5.14.b.2 to incorporate the changes made to 10 CFR 50.59 as published in the

Federal Register, Vol. 64, No. 191, pg. 53582, "Changes, Tests, and Experiments." The proposed changes would replace the word "involve" with "require" in TS 5.5.14.b, and revise TS 5.5.14.b.2 to state: "a change to the UFSAR or Bases that requires NRC approval pursuant to 10 CFR 50.59."

The proposed change has been evaluated against the standards in 10 CFR 50.92 and has been determined to not involve a significant hazards consideration, in that operation of the facility in accordance with the proposed amendments:

1. *Would not involve a significant increase in the probability or consequences of an accident previously evaluated.*

The proposed change replaces the word "involve" with "require" and deletes reference to the term "unreviewed safety question" consistent with 10 CFR 50.59. Deletion of the term "unreviewed safety question" was approved by the Nuclear Regulatory Commission with the revision to 10 CFR 50.59. Consequently, the probability of an accident previously evaluated is not significantly increased. Changes to the TS Bases are still subject to 10 CFR 50.59. As a result, the consequences of any accident previously evaluated are not significantly affected.

Therefore, the proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated.

2. *Would not create the possibility of a new or different type of accident from any accident previously evaluated.*

The proposed changes do not involve a physical alteration of the plant (no new or different type of equipment will be installed) or a change in the methods governing plant operation. These changes are considered administrative changes and do not modify, add, delete, or relocate any technical requirements in the TS.

Therefore, this proposed change does not create the possibility of a new or different kind of accident from any previously evaluated.

3. *Would not involve a significant reduction in a margin of safety.*

The proposed changes will not reduce the margin of safety because they have no effect on any safety analyses assumptions. Changes to the TS Bases are still subject to 10 CFR 50.59, including prior Nuclear Regulatory Commission approval if the criteria in 10 CFR 50.59(c)(2) are met. The proposed changes to TS 5.5.14 are considered administrative in nature based on the revision to 10 CFR 50.59.

Therefore, this proposed modification does not significantly reduce the margin of safety.

Based on the above evaluations, Calvert Cliffs Nuclear Power Plant concludes that the activities associated with the above described change presents no significant hazards consideration under the standards set forth in 10 CFR 50.92 and accordingly, a finding by the Nuclear Regulatory Commission of no significant hazards consideration is justified.

ENVIRONMENTAL ASSESSMENT

We have determined that operation with the proposed amendment will not result in any significant change in the types or significant increases in the amounts of any effluents that may be released offsite, and no

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cc: R. S. Fleishman, Esquire
J. E. Silberg, Esquire
Director, Project Directorate I-1, NRC
D. M. Skay, NRC

H. J. Miller, NRC
Resident Inspector, NRC
R. I. McLean, DNR

ATTACHMENT (1)

TECHNICAL SPECIFICATION

MARKED-UP PAGE

5.0-29

5.5 Programs and Manuals

b. Licensees may make changes to Bases without prior NRC approval provided the changes do not involve either of the following:

require

requires NRC approval pursuant to

1. A change in the Technical Specifications incorporated in the license; or

2. A change to the UFSAR or Bases that ~~involves an unreviewed safety question as defined in 10 CFR 50.59.~~

c. The Bases Control Program shall contain provisions to ensure that the Bases are maintained consistent with the UFSAR.

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 Limiting Condition for Operation (LCO) 3.0.6, an evaluation shall be made to determine if loss of safety function exists. Additionally, other appropriate limitations and remedial or compensatory actions may be identified to 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;