

January 30, 2001

Mr. Charles H. Cruse
Vice President - Nuclear Energy
Calvert Cliffs Nuclear Power Plant, Inc.
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2
RE: CONTAINMENT TENDON SURVEILLANCE PROGRAM - AMENDMENT
(TAC NOS. MB0011 AND MB0012)

Dear Mr. Cruse:

The Commission has issued the enclosed Amendment No. 240 to Renewed Facility Operating License No. DPR-53 and Amendment No. 214 to Renewed Facility Operating License No. DPR-69 for the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2, respectively. The amendments incorporate changes described below into the Technical Specifications for Calvert Cliffs Units 1 and 2 in response to your application dated September 14, 2000.

On September 9, 1996, a final rule amending 10 CFR 50.55a was issued requiring owners to implement, by September 9, 2001, the requirements of the 1992 Edition through the 1992 Addenda of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, Subsections IWE and IWL, as modified and supplemented by Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.55a. Calvert Cliffs Nuclear Power Plant, Inc. has developed a program to effect the implementation of Subsections IWE and IWL.

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

Sincerely,

/RA/

Donna Skay, Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and 50-318

Enclosures: 1. Amendment No. 240 to DPR-53
2. Amendment No. 214 to DPR-69
3. Safety Evaluation

cc w/encls: See next page

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cc w/encls: See next page

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SE provided on November 16, 2000, no major changes were made *See previous concurrence

OFFICE	PM:PDI-1	E	LA:PDI-1	OGC*	SC:PDI-1	EMEB: DE
NAME	DSkay		SLittle		MGamberoni	DTerao
DATE	1/25/01		1/25/01	1/19/01	1/25/01	11/16/00

Official Record Copy

DATED: January 30, 2001

AMENDMENT NO. 240 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-53-CALVERT
CLIFFS UNIT 1

AMENDMENT NO. 214 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-69-CALVERT
CLIFFS UNIT 2

PUBLIC

PDI-1 Reading

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RidsAcrsAcnwMailCenter

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CALVERT CLIFFS NUCLEAR POWER PLANT, INC.

DOCKET NO. 50-317

CALVERT CLIFFS NUCLEAR POWER PLANT UNIT NO. 1

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 240
Renewed License No. DPR-53

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Calvert Cliffs Nuclear Power Plant, Inc. (the licensee) dated September 14, 2000, 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 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 Renewed Facility Operating License No. DPR-53 is hereby amended to read as follows:

2. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 240 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Marsha Gamberoni, Chief, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: January 30, 2001

CALVERT CLIFFS NUCLEAR POWER PLANT, INC.

DOCKET NO. 50-318

CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NO. 2

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 214
Renewed License No. DPR-69

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Calvert Cliffs Nuclear Power Plant, Inc. (the licensee) dated September 14, 2000, 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 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 Renewed Facility Operating License No. DPR-69 is hereby amended to read as follows:

2. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 214 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Marsha Gamberoni, Chief, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: January 30, 2001

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 240 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-53

AMENDMENT NO. 214 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-69

DOCKET NOS. 50-317 AND 50-318

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 marginal lines indicating the areas of change.

Remove Page

Page 5.0-12

Insert Page

Page 5.0-12

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 240 TO RENEWED
FACILITY OPERATING LICENSE NO. DPR-53
AND AMENDMENT NO. 214 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-69
CALVERT CLIFFS NUCLEAR POWER PLANT, INC.
CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-317 AND 50-318

1.0 INTRODUCTION

By letter dated September 14, 2000, Calvert Cliffs Nuclear Power Plant, Inc., (the licensee or CCNPPI), submitted a request for changes to the Calvert Cliffs Nuclear Power Plant (CCNPP), Units 1 and 2, in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.90. The license amendment requested changing the CCNPP improved technical specification (ITS) Section 5.5.6, related to tendon surveillance program. The licensee stated that the proposed changes to the ITS resulted from revisions to 10 CFR 50.55a published in *Federal Register* (61 FR 41303) related to containment inspection. The revision to 10 CFR 50.55a became fully effective on September 9, 1996, and it required that the containment inspections be fully implemented by September 9, 2001.

2.0 DISCUSSION AND EVALUATION

The requirements of 10 CFR 50.55a were amended (61 FR 41303) to incorporate by reference Subsections IWE and IWL of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code) Section XI for inspection of containment of light water-cooled reactors. Subsection IWE provides the requirements for inservice inspection, repair, and replacement of Class MC pressure retaining components (referred to as steel containment), and metallic shell and penetration liners of Class CC pressure retaining components, and their integral attachments. Subsection IWL provides the requirements for preservice examination, inservice inspection and repair of the reinforced containments. 10 CFR 50.55a(g)(6)(ii)(B) of the regulation requires that first period inspection of containment be completed by September 9, 2001. The licensee plans to perform this inspection during its spring 2001 Unit 2 refueling outage.

In Section 5.5.6, "Concrete Containment Tendon Surveillance Program," the current ITS requires the licensee to perform tendon surveillance in accordance with Regulatory Guide (RG) 1.35, Rev. 2, "Inservice Inspection of UngROUTED Tendons in Prestressed Concrete

Containment Structures, 1976.” The ITS also requires that the provisions of Surveillance Requirement (SR) 3.02 and 3.03 regarding program inspection frequencies are applicable. The amendment proposes to delete the use of RG 1.35 and SR 3.02 from the ITS. Subsection IWL of the ASME Code requires the inspection of containment post-tensioning tendons. The requirements in subsection IWL, together with the modifications to the IWL requirements in 10 CFR 50.55a(b)(2)(viii), “Examination of concrete containments,” constitute acceptable requirements for the inspection of post-tensioning in CCNPP Units 1 and 2 containments. Thus, the revised ITS requirement to perform inspection as required by the regulation ensures the integrity of the post-tensioning tendons as required by the current ITS. Also, the extent of deviation from the scheduled frequencies are satisfactorily covered in Subsection IWL of the Code. Thus, the staff finds the deletion of RG 1.35 and SR 3.02 from this Section of the ITS acceptable.

3.0 STATE CONSULTATION

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

4.0 ENVIRONMENTAL CONSIDERATION

The amendments change 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 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 (65 FR 62384). 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: G. Hatchett

Date: January 30, 2001