



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 12, 2009

Mr. James A. Spina, Vice President  
Calvert Cliffs Nuclear Power Plant, Inc.  
Calvert Cliffs Nuclear Power Plant  
1650 Calvert Cliffs Parkway  
Lusby, MD 20657-4702

SUBJECT: ACCEPTANCE REVIEW OF RELIEF REQUEST ISI-04-04 - CALVERT CLIFFS  
NUCLEAR POWER PLANT (CCNPP), UNIT NOS. 1 AND 2 - (TAC NOS.  
ME0298 AND ME0299)

Dear Mr. Spina:

By letter dated December 29, 2008, Calvert Cliffs Nuclear Power Plant, Inc. (the licensee), submitted American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI Relief Request ISI-04-04. The proposed relief request would implement a risk-informed safety-based inservice inspection (ISI) program for Class 1 and 2 piping. The relief request is based upon ASME Code Case N-716, "Alternative Piping Classification and Examination Requirements, Section XI Division 1," which is founded on the risk-informed ISI process described in Electric Power Research Institute Topical Report 112657 Rev. B-A, "Revised Risk-Informed Inservice Inspection Evaluation Procedure."

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this relief request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Pursuant to Sections 50.55a(a)(3)(i) and 50.55a(a)(3)(ii) of Title 10 of the *Code of Federal Regulations* (10 CFR), the applicant shall demonstrate that the proposed alternatives would provide an acceptable level of quality and safety, or that compliance with the specified requirements of Section 50.55a would result in hardship or unusual difficulty without a compensating increase in the level of quality or safety.

The NRC staff has reviewed your application and concluded that clarifying information as discussed with your staff during a telephone conversation on February 6, 2009, is necessary to enable the staff to make an independent assessment regarding the acceptability of the proposed relief request in terms of regulatory requirements and the protection of public health and safety and the environment. Specifically, clarification is sought regarding the following sentence found on page 7 of Enclosure 1 to Attachment 5 of your application:

A gap analysis for the CCNPP PRA [probabilistic risk assessment] internal events model is currently being performed by a group of vendors.

J. Spina

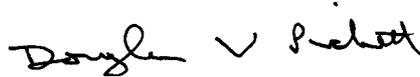
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In order to make the application complete, the NRC staff requests that the licensee supplement the application by February 20, 2009, to clarify that the above analysis has been performed and that the information contained in the application is complete and reflective of this analysis. This will enable the NRC staff to begin its detailed technical review. If the information responsive to the NRC staff's request is not received by the above date, the application will not be accepted for review pursuant to 10 CFR 2.101, and the NRC will cease its review activities associated with the application. If the application is subsequently accepted for review, you will be advised of any further information needed to support the staff's detailed technical review by separate correspondence.

The information requested and associated time frames in this letter were discussed with Pat Furio of your staff on February 9, 2009.

If you have any questions, please contact me at 301-415-1364.

Sincerely,

A handwritten signature in black ink that reads "Douglas V. Pickett". The signature is written in a cursive style with a checkmark-like flourish above the "V".

Douglas V. Pickett, Senior Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and 50-318

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*/RA/*

Douglas V. Pickett, Senior Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and 50-318

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