



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

May 5, 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: REQUEST FOR ADDITIONAL INFORMATION RE: RELIEF REQUEST NO.  
ISI-04-04 - CALVERT CLIFFS NUCLEAR POWER PLANT, 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. requested Nuclear Regulatory Commission (NRC) review and approval for four requests for relief from the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI. Relief Request No. ISI-04-04 proposes to implement ASME Code Case N-716.

The NRC staff has reviewed the information provided and has determined that additional information is needed to complete its review. Enclosed is the staff's request for additional information (RAI). As discussed with your staff, we understand that you intend to respond to this RAI by approximately June 12, 2009.

Please contact me at 301-415-1364 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Douglas V. Pickett".

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

Enclosure:  
As stated

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

REQUEST FOR ALTERNATIVE ISI-04-04

CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-317 AND 50-318

1. Section 3.3.1 of your submittal dated December 29, 2008, addresses Additional Examinations. The submittal states in part that, "The process for ordinary flaws is to perform the evaluation using ASME Section XI."

Please explain the term "ordinary flaws" and/or confirm that all flaw evaluations are performed using ASME Code, Section XI.

2. Table IWB-2500-1 of American Society of Mechanical Engineers, Section XI, 2001 Edition with 2004 Addenda requires volumetric and/or surface examination of all Category B-F or B-J Pressure Retaining Dissimilar Metal Welds greater than nominal pipe size (NPS) 1. Based on recent findings of primary water stress-corrosion cracking in Alloy 82/182 dissimilar metal welds, the staff would like more information on your inspection plans for these welds in the 4<sup>th</sup> Interval ISI Plan for Calvert Cliffs Nuclear Power Plant (CCNPP).

Please describe the inspection plan of Alloy 82/182 dissimilar metal welds greater than NPS 1 in the 4<sup>th</sup> Interval ISI Plan for CCNPP (e.g., are they included in the RI-ISI program, how many are selected for examination, what examination method(s) are being employed, what is the frequency of examination, disposition of limited coverage(<90%) examinations, etc.).

3. On page 10, the licensee provides guidance in Section 3.3.2 "Program Relief Requests." For program relief requests, the licensee refers to the process outlined in Title 10 of the *Code of Federal Regulations* 50.55a that will be used. Please discuss how the effect on risk of the incomplete examination coverage will be assessed.

May 5, 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: REQUEST FOR ADDITIONAL INFORMATION RE: RELIEF REQUEST NO.  
ISI-04-04 - CALVERT CLIFFS NUCLEAR POWER PLANT, 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. requested Nuclear Regulatory Commission (NRC) review and approval for four requests for relief from the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI. Relief Request No. ISI-04-04 proposes to implement ASME Code Case N-716.

The NRC staff has reviewed the information provided and has determined that additional information is needed to complete its review. Enclosed is the staff's request for additional information (RAI). As discussed with your staff, we understand that you intend to respond to this RAI by approximately June 12, 2009.

Please contact me at 301-415-1364 if you have any questions.

Sincerely,  
*/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

Enclosure:

As stated

cc w/encl: Distribution via Listserv

Distribution:

PUBLIC LPL1-1 r/f RidsOgcRp RidsAcrsAcnwMailCenter  
RidsNrrDciCpnb RidsNrrDorLpl1-1 RidsNrrPMDPickett RidsNrrLASLittle  
KHoffman, CPNB GDentel, R1

ADAMS Accession No. ML091180236

OFFICE	PM/LPL1-1	LA:LPL1-1	BC/CPNB	BC/LPL1-1(A)
NAME	DPickett	SLittle	TChan by memo dated	JBoska
DATE	05 /05/ 09	05 /05/ 09	04 / 24 / 09	05 /05/ 09

OFFICIAL RECORD COPY