

January 8, 2008

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: CONTROL ROOM
HABITABILITY - CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1
AND 2 (TAC NOS. MD5928 AND MD5929)

Dear Mr. Spina:

By letter dated June 29, 2007, Calvert Cliffs Nuclear Power Plant, Inc. requested a license amendment to Renewed Operating License Nos. DPR-53 and DPR-69 to modify Technical Specification requirements for the control room emergency ventilation system in accordance with Technical Specification Task Force-448, "Control Room Habitability," Revision 3, for the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2.

The Nuclear Regulatory Commission (NRC) staff has reviewed the information provided and has determined that additional information is needed to complete its review. Enclosed is the NRC staff's request for additional information (RAI). As discussed with your staff, we understand that you intend to respond to this RAI within 60 days of receipt of this letter.

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: See next page

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Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2

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REQUEST FOR ADDITIONAL INFORMATION

CONTROL ROOM HABITABILITY TSTF-448

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

DOCKET NOS. 50-317 AND 50-318

Technical Specification Task Force (TSTF) TSTF-448, Revision 3, "Control Room Habitability," was developed for plants with pressurized control room envelopes (CREs). The Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2, have non-pressurized CREs. Note that the programs and manuals section of the standard technical specifications (STS), as modified by TSTF-448, Revision 3, paragraph (d) of Section 5.5.18, "Control Room Envelope Habitability Program," specifies a differential pressure (dp) test to be conducted between performances of inleakage testing for the purpose of providing input to a periodic assessment of the CRE boundary. The NRC staff recognizes that non-pressurized CREs may not be able to conduct a dp test. However, the staff believes that all plants requesting the adoption of TSTF-448 should include a method to collect data that will serve as input to a periodic assessment of the CRE boundary. This position is supported by the technical analysis section of TSTF-448, Revision 3, on page 8 where an explanation of the basis for paragraph (d) is provided. Consequently, the NRC staff is requesting that you provide a method to collect data, and an explanation of how you intend to use it to periodically assess the integrity of your CRE boundary. The method should, to the extent practicable, provide information that can be used in a manner similar to the manner in which the information is to be used that is requested by paragraph (d) of Section 5.5.18 of the programs and manuals section of the STS as modified by TSTF-448, Revision 3.

Enclosure