

March 26, 2004

Mr. George Vanderheyden, Vice President
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 -
REQUEST FOR ADDITIONAL INFORMATION RE: PROPOSED AMENDMENT
TO INCREASE THE SETPOINT OF THE MAIN STEAM SAFETY VALVES
(TAC NOS. MC1578 AND MC1579)

Dear Mr. Vanderheyden:

In reviewing your submittal of December 9, 2003, concerning the subject proposed amendment, the Nuclear Regulatory Commission (NRC) staff determined that it needs additional information to continue its review. The NRC staff discussed the issue with your staff on March 4, 2004. As we indicated during our conversation, we are enclosing the request for additional information. You have indicated that you could respond within 45 days from receipt of this letter.

Sincerely,

/RA/

Guy S. Vissing, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and
50-318

Enclosure: As stated

cc w/encl: See next page

March 26, 2004

Mr. George Vanderheyden, Vice President
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 -
REQUEST FOR ADDITIONAL INFORMATION RE: PROPOSED AMENDMENT
TO INCREASE THE SETPOINT OF THE MAIN STEAM SAFETY VALVES
(TAC NOS. MC1578 AND MC1579)

Dear Mr. Vanderheyden:

In reviewing your submittal of December 9, 2003, concerning the subject proposed amendment, the Nuclear Regulatory Commission (NRC) staff determined that it needs additional information to continue its review. The NRC staff discussed the issue with your staff on March 4, 2004. As we indicated during our conversation, we are enclosing the request for additional information. You have indicated that you could respond within 45 days from receipt of this letter.

Sincerely,

/RA/

Guy S. Vissing, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and
50-318

Enclosure: As stated
cc w/encl: See next page

DISTRIBUTION:

PUBLIC RLauffer OGC SSun
PDI-1 R/F AHowe GVissing SLittle

Accession Number: **ML040860799**

OFFICE	PDI-1/PM	PDI-1/LA	SRXB/SC	PDI-1/SC
NAME	GVissing	SLittle	JUhle	RLAuffer
DATE	03/22/04	03/17/04	03/22/04	03/23/04

OFFICIAL RECORD COPY

REQUEST FOR ADDITIONAL INFORMATION

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

REGARDING THE PROPOSED AMENDMENT TO INCREASE THE

SETPOINT OF THE MAIN STEAM SAFETY VALVES

1. In support of the Technical Specification (TS) changes, the licensee reanalyzed several events to determine the effects of the revised main steam safety valve (MSSV) setpoints on the analysis of record. Please provide the following information for the staff to review:
 - (1) Discuss the methods and computer codes used in the reanalysis and address their acceptability for the licensing application.
 - (2) Identify for the reanalyzed events the values of input parameters that are different from those assumed in the analysis of record, and justify the adequacy of the values.
 - (3) Provide a table listing for each reanalyzed case, the calculated peak pressurizer pressure, peak steam generator pressure and peak pressurizer water level, and demonstrate that the applicable acceptable criteria are met.
2. The purpose of the high power level trip listed in TS Table 3.7.1-1 is to provide overpressure protection with various numbers of operable MSSVs. Justify that the high power trip setpoints remain valid in light of the proposed changes to the MSSV setpoints.
3. Verify the edition of the Code that is being referenced for the Section III repairs and non-destructive examination.

Enclosure

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

cc:

President
Calvert County Board of
Commissioners
175 Main Street
Prince Frederick, MD 20678

Patricia T. Birnie, Esquire
Co-Director
Maryland Safe Energy Coalition
P.O. Box 33111
Baltimore, MD 21218

James M. Petro, Esquire
Counsel
Constellation Energy Group, Inc.
750 East Pratt Street, 5th floor
Baltimore, MD 21202

Mr. Loren F. Donatell
NRC Technical Training Center
5700 Brainerd Road
Chattanooga, TN 37411-4017

Jay E. Silberg, Esquire
Shaw, Pittman, Potts, and Trowbridge
2300 N Street, NW
Washington, DC 20037

Mark Geckle
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702

Resident Inspector
U.S. Nuclear Regulatory
Commission
P.O. Box 287
St. Leonard, MD 20685

Mr. Richard I. McLean, Manager
Nuclear Programs
Power Plant Research Program
Maryland Dept. of Natural Resources
Tawes State Office Building, B3
Annapolis, MD 21401

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Kristen A. Burger, Esquire
Maryland People's Counsel
6 St. Paul Centre
Suite 2102
Baltimore, MD 21202-1631