

September 11, 2003

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 CONCERNING THE
ACTIVATION OF THE LIQUIFIED NATURAL GAS FACILITY (TAC NOS.
MC0188 AND MC0189)

Dear Mr. Vanderheyden:

The Nuclear Regulatory Commission (NRC) staff is reviewing the information provided by your letter dated July 10, 2003, concerning the resumption of liquified natural gas shipments to Cove Point and has determined that additional information is needed to support our review. The enclosed request for additional information identifies the information needed. The NRC staff has discussed this with your staff who indicated that you could respond within 60 days.

Sincerely,

/RA by P. S.Tam/

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

Mr. George Vanderheyden, Vice President
Calvert Cliffs Nuclear Power Plant, Inc.
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702

September 11, 2003

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2,
REQUEST FOR ADDITIONAL INFORMATION CONCERNING THE
ACTIVATION OF THE LIQUIFIED NATURAL GAS FACILITY (TAC NOS.
MC0188 AND MC0189)

Dear Mr. Vanderheyden:

The Nuclear Regulatory Commission (NRC) staff is reviewing the information provided by your letter dated July 10, 2003, concerning the resumption of liquified natural gas shipments to Cove Point and has determined that additional information is needed to support our review. The enclosed request for additional information identifies the information needed. The NRC staff has discussed this with your staff who indicated that you could respond within 60 days.

Sincerely,

/RA by P. Tam/

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:

PDI-1 r/f	R. Laufer	S. Little	G. Vissing
OGC	ACRS	J. Jolicoeur (R-I)	KParczewski

ACCESSION NUMBER: **ML032380066**

OFFICE	PDI-1/PM	PDI-1/LA	EMCB	EMCB	PDI-1/SC
NAME	GVissing	SLittle	LLund	KParczewski*	RLaufer**
DATE	8/28/03	8/28/03	9/3/03	9/11/03	9/11/03

*Concurred by e-mail

**PTam concurred for RLaufer

OFFICIAL RECORD COPY

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

REQUEST FOR ADDITIONAL INFORMATION
RESUMPTION OF LIQUIFIED NATURAL GAS SHIPMENT
CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-317 AND 50-318

In 1993, the licensee submitted a safety evaluation for hazards caused by the presence of the Liquified Natural Gas (LNG) facility at Cove Point. The licensee's analysis considered the effects of ignition of the LNG released from the Cove Point facility and concluded that it would not threaten the integrity of the plant. In 1995, the NRC approved the licensee's analysis.

The NRC staff believes there is a need to reconfirm the applicability of the 1993 evaluation to the current LNG plant design due to a proposed construction on the Cove Point site an 850,000-barrel storage tank in addition to the existing four 375,000-barrel and two 600,000-barrel storage tanks. The addition of this tank could increase the probability of tank failure. Also, the maximum hazard distance of ignited gas (based on 3-psi overpressure criterion) for the 850,000-barrel tank may be different from that for the existing storage tanks. Since the risk to the Calvert Cliffs site is determined by combining the probabilities of occurrence of LNG spill with the consequences produced by its ignition/explosion, this risk may be different as a result of the additional storage tank.

The licensee is requested to reevaluate this part of its 1993 analysis.

Enclosure