



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 2, 1999

Mr. Theodore A. Sullivan
Vice President Nuclear and Station Director
Entergy Nuclear Generation Company
Pilgrim Nuclear Power Station
RFD #1 Rocky Hill Road
Plymouth, MA 02360

SUBJECT: SAFETY EVALUATION OF LICENSEE RESPONSE TO GENERIC LETTER 96-05, "PERIODIC VERIFICATION OF DESIGN-BASIS CAPABILITY OF SAFETY-RELATED MOTOR-OPERATED VALVES," PILGRIM NUCLEAR POWER STATION (TAC NO. M97086)

Dear Mr. Sullivan:

On September 18, 1996, the NRC issued Generic Letter (GL) 96-05, "Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves." This GL requested Boston Edison Company (BECo) to establish a program, or to ensure the effectiveness of its current program, to verify on a periodic basis that safety-related motor-operated valves (MOVs) continue to be capable of performing their safety functions within the current licensing bases of the facility.

By letter dated November 15, 1996, BECo submitted a 60-day response to GL 96-05. As requested in GL 96-05, BECo committed to establish a program at the Pilgrim Nuclear Power Station (Pilgrim) to verify on a periodic basis that safety-related MOVs continue to be capable of performing their safety functions within the current licensing bases of the facility. By letter dated June 18, 1997, the licensee submitted a 180-day response to GL 96-05 providing a summary description of the MOV periodic verification program planned for Pilgrim. The licensee provided updated GL 96-05 submittals on December 23, 1997, and June 26, 1998. By letter dated November 25, 1998, the licensee provided a response to the NRC staff's request for additional information regarding the GL 96-05 program. Entergy Nuclear Generation Company (Entergy) completed its purchase of Pilgrim on July 13, 1999. By letter dated August 2, 1999, Entergy, the new licensee for Pilgrim stated they have adopted all outstanding commitments previously made by BECo for Pilgrim.

The NRC has reviewed the licensee's submittals and applicable NRC inspection reports for the MOV program at Pilgrim. The staff finds that the licensee has established an acceptable program to verify periodically the design-basis capability of the safety-related MOVs at Pilgrim through its commitment to all three phases of the Joint Owners Group (JOG) Program on MOV Periodic Verification and the additional actions described in its submittals.

NRC FILE CENTER COPY

DFOI

**Chairman
Nuclear Matters Committee
Town Hall
11 Lincoln Street
Plymouth, MA 02360**

**Mr. William D. Meinert
Nuclear Engineer
Massachusetts Municipal Wholesale
Electric Company
P.O. Box 426
Ludlow, MA 01056-0426**

**Ms. Mary Lampert, Director
Massachusetts Citizens for Safe Energy
148 Washington Street
Duxbury, MA 02332**

T. Sullivan

- 2 -

As discussed in the enclosed safety evaluation (SE), the NRC concludes that the licensee is adequately addressing the actions requested in GL 96-05. In the future, the NRC staff may conduct inspections at Pilgrim to verify the implementation of the MOV periodic verification program.

With the issuance of the enclosed SE, we consider TAC No. M97086 to be closed.

Sincerely,

ORIGINAL SIGNED BY:

Alan B. Wang, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosure: Safety Evaluation

cc w/encl: See next page

DISTRIBUTION:

- File Center
- PUBLIC
- PDI-2 R/F
- E. Adensam (EGA1)
- J. Clifford
- T. Clark
- A. Wang
- T. Scarbrough
- R. Scholl (e-mail SE to RFS)
- OGC
- ACRS
- C. Anderson, RI

DOCUMENT NAME: G:\PDi-2\WANG\m97086.ser

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy *See previous concurrence

OFFICE	PM:PDI-2	E	LA:PDI-2	e	EMCB*	SC:PD 2		
NAME	AWang:1cc <i>AW</i>		TClark <i>JCL</i>		TScarbrough	JClifford		
DATE	11/8/99		10/28/99		08/25/99	10/2/99		

Official Record Copy

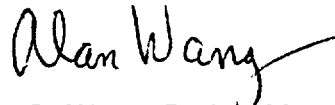
T. Sullivan

- 2 -

As discussed in the enclosed safety evaluation (SE), the NRC concludes that the licensee is adequately addressing the actions requested in GL 96-05. In the future, the NRC staff may conduct inspections at Pilgrim to verify the implementation of the MOV periodic verification program.

With the issuance of the enclosed SE, we consider TAC No. M97086 to be closed.

Sincerely,

A handwritten signature in black ink that reads "Alan Wang". The signature is written in a cursive style with a long horizontal stroke extending to the right.

Alan B. Wang, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosure: Safety Evaluation

cc w/encl: See next page

Pilgrim Nuclear Power Station

cc:

**Resident Inspector
U. S. Nuclear Regulatory Commission
Pilgrim Nuclear Power Station
Post Office Box 867
Plymouth, MA 02360**

**Chairman, Board of Selectmen
11 Lincoln Street
Plymouth, MA 02360**

**Chairman, Duxbury Board of Selectmen
Town Hall
878 Tremont Street
Duxbury, MA 02332**

**Office of the Commissioner
Massachusetts Department of
Environmental Protection
One Winter Street
Boston, MA 02108**

**Office of the Attorney General
One Ashburton Place
20th Floor
Boston, MA 02108**

**Dr. Robert M. Hallisey, Director
Radiation Control Program
Commonwealth of Massachusetts
Executive Offices of Health and
Human Services
174 Portland Street
Boston, MA 02114**

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

**Mr. C. Stephen Brennion
Licensing Superintendent
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360-5599**

**Mr. Jack Alexander
Manager, Reg. Relations and
Quality Assurance
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360-5599**

**Mr. David F. Tarantino
Nuclear Information Manager
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360-5599**

**Ms. Jane Perlov
Secretary of Public Safety
Executive Office of Public Safety
One Ashburton Place
Boston, MA 02108**

**Mr. Steve McGrail, Director
Attn: James Muckerheide
Massachusetts Emergency Management
Agency
400 Worcester Road
P.O. Box 1496
Framingham, MA 01701-0317**

**Chairman, Citizens Urging
Responsible Energy
P.O. Box 2621
Duxbury, MA 02331**

**John M. Fulton
Assistant General Counsel
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360-5599**