

Mr. Ted C. Feigenbaum  
 Executive Vice President and  
 Chief Nuclear Officer  
 North Atlantic Energy Service Corporation  
 c/o Mr. James M. Peschel  
 P.O. Box 300  
 Seabrook, NH 03874

Distribution:  
 File Center  
 PUBLIC  
 PD I-2 R/F  
 EAdensam (EGA1)  
 JClifford  
 RPulsifer

TClark  
 OGC  
 ACRS  
 WBeckner  
 RScholl (SE only)  
 CAnderson, RI  
 January 4, 2000

SUBJECT: SAFETY EVALUATION OF LICENSEE RESPONSE TO GENERIC LETTER  
 95-07, "PRESSURE LOCKING AND THERMAL BINDING OF SAFETY-  
 RELATED POWER-OPERATED GATE VALVES," SEABROOK STATION,  
 UNIT 1 (TAC NO. M93517)

Dear Mr. Feigenbaum:

On August 17, 1995, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves," to request that licensees take actions to ensure that safety-related power-operated gate valves that are susceptible to pressure locking or thermal binding are capable of performing their safety functions.

In a letter dated February 13, 1996, North Atlantic Energy Service Corporation submitted its 180-day response to GL 95-07 for Seabrook Station, Unit 1. The NRC staff reviewed the licensee's submittal and requested additional information in a letter dated July 17, 1996. In a letter of August 15, 1996, the licensee provided the additional information. The NRC staff performed an inspection to review specific aspects of information summarized in the licensee's responses to GL 95-07. This inspection is documented in NRC Inspection Report No. 50-443/98-08. On August 11 and November 8, 1999, the licensee provided responses to the NRC staff's second request for information that was forwarded to the licensee on June 30, 1999.

The NRC staff has reviewed the licensee's submittals and finds that the licensee has adequately addressed the actions requested in GL 95-07, as discussed in the enclosed safety evaluation. This completes the staff's efforts on TAC No. M93517.

Sincerely,

**ORIGINAL SIGNED BY:**

Robert M. Pulsifer, Project Manager, Section 2  
 Project Directorate I  
 Division of Licensing Project Management  
 Office of Nuclear Reactor Regulation

Docket No. 50-443

Enclosure: Safety Evaluation

cc w/encls: See next page

FILENAME: G:\PDI-2\Seabrook\SM93517.wpd \*Input provided by SE dated 11/18/99 with no significant changes

OFFICE	PDI-2/PM <i>e</i>	PDI-2/LA <i>TLC 12/23/99</i>	EMEB*	PDI-2/SC <i>for</i>
NAME	RPulsifer/ <i>RP</i>	TLClark <i>MBB 1/14/00</i>	DTerao	JClifford
DATE	12/27/99	1/14/99	11/18/99	1/14/00

OFFICIAL RECORD COPY

DFOI

PDR A Doc



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

January 4, 2000

Mr. Ted C. Feigenbaum  
Executive Vice President and  
Chief Nuclear Officer  
North Atlantic Energy Service Corporation  
c/o Mr. James M. Peschel  
P.O. Box 300  
Seabrook, NH 03874

SUBJECT: SAFETY EVALUATION OF LICENSEE RESPONSE TO GENERIC LETTER  
95-07, "PRESSURE LOCKING AND THERMAL BINDING OF SAFETY-  
RELATED POWER-OPERATED GATE VALVES," SEABROOK STATION,  
UNIT 1 (TAC NO. M93517)

Dear Mr. Feigenbaum:

On August 17, 1995, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves," to request that licensees take actions to ensure that safety-related power-operated gate valves that are susceptible to pressure locking or thermal binding are capable of performing their safety functions.

In a letter dated February 13, 1996, North Atlantic Energy Service Corporation submitted its 180-day response to GL 95-07 for Seabrook Station, Unit 1. The NRC staff reviewed the licensee's submittal and requested additional information in a letter dated July 17, 1996. In a letter of August 15, 1996, the licensee provided the additional information. The NRC staff performed an inspection to review specific aspects of information summarized in the licensee's responses to GL 95-07. This inspection is documented in NRC Inspection Report No. 50-443/98-08. On August 11 and November 8, 1999, the licensee provided responses to the NRC staff's second request for information that was forwarded to the licensee on June 30, 1999.

The NRC staff has reviewed the licensee's submittals and finds that the licensee has adequately addressed the actions requested in GL 95-07, as discussed in the enclosed safety evaluation. This completes the staff's efforts on TAC No. M93517.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert M. Pulsifer".

Robert M. Pulsifer, Project Manager, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-443

Enclosure: Safety Evaluation

cc w/encls: See next page

Seabrook Station, Unit No. 1  
cc:

Lillian M. Cuoco, Esq.  
Senior Nuclear Counsel  
Northeast Utilities Service Company  
P.O. Box 270  
Hartford, CT 06141-0270

Mr. Peter Brann  
Assistant Attorney General  
State House, Station #6  
Augusta, ME 04333

Resident Inspector  
U.S. Nuclear Regulatory Commission  
Seabrook Nuclear Power Station  
P.O. Box 1149  
Seabrook, NH 03874

Town of Exeter  
10 Front Street  
Exeter, NH 03823

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

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

Board of Selectmen  
Town of Amesbury  
Town Hall  
Amesbury, MA 01913

Mr. Dan McElhinney  
Federal Emergency Management Agency  
Region I  
J.W. McCormack P.O. &  
Courthouse Building, Room 401  
Boston, MA 02109

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

Philip T. McLaughlin, Attorney General  
Steven M. Houran, Deputy Attorney  
General  
33 Capitol Street  
Concord, NH 03301

Mr. Woodbury Fogg, Director  
New Hampshire Office of Emergency  
Management  
State Office Park South  
107 Pleasant Street  
Concord, NH 03301

Mr. Roy E. Hickok  
Nuclear Training Manager  
Seabrook Station  
North Atlantic Energy Service Corp.  
P.O. Box 300  
Seabrook, NH 03874

Mr. James M. Peschel  
Manager of Regulatory Compliance  
Seabrook Station  
North Atlantic Energy Service Corp.  
P.O. Box 300  
Seabrook, NH 03874

Mr. W. A. DiProfio  
Station Director  
Seabrook Station  
North Atlantic Energy Service Corporation  
P.O. Box 300  
Seabrook, NH 03874

Mr. Frank W. Getman, Jr.  
Great Bay Power Corp.  
20 International Drive  
Suite 301  
Portsmouth, NH 03801-6809

Mr. B. D. Kenyon  
President - Nuclear Group  
Northeast Utilities Service Group  
P.O. Box 128  
Waterford, CT 06385

Mr. David E. Carriere  
Director, Production Services  
Canal Electric Company  
2421 Cranberry Highway  
Wareham, MA 02571

Mr. Steve Allen  
Polestar Applied Technology, Inc.  
77 Franklin Street, Suite 507  
Boston, MA 02110