

**North
Atlantic**

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The Northeast Utilities System

December 29, 1999

Docket No. 50-443

NYN-99120
AR#99016045

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Seabrook Station
Emergency Diesel Generator Exhaust Inspection

On October 13, 1999, North Atlantic Energy Service Corporation (North Atlantic) forwarded the results and evaluation of the "A" Diesel Generator (EDG) Exhaust Inspection conducted on April 7, 1999 by letter (NYN-99089). The purpose of the inspection was to ensure that unacceptable wall thinning would not occur during the 40-year design lifetime of the system. The results of this inspection were forwarded to the Nuclear Regulatory Commission (NRC) for review as committed in section 9.5.8 of NUREG-0896 "Safety Evaluation Report Related to the Operation of Seabrook Station, Units 1 and 2," dated March 1983. The results of the first inspection conducted on "A" EDG during refueling outage 05 was previously forwarded to the NRC by letter (NYN-97068) dated June 27, 1997.

Based on the results of these inspections, North Atlantic had concluded that the EDG exhaust elbow is acceptable for continued operation and that the observed loss of wall thickness will not exceed the code minimum required wall thickness within the 40-year design lifetime of the system. However, due to subsequent NRC concerns regarding the limited data of the previous inspections (Inspection Report 50-443/99-07 dated December 6, 1999), North Atlantic has committed to perform an additional inspection with increased coverage prior to the completion of refueling outage 08. Based upon the results of this additional inspection, North Atlantic will determine if future inspections are necessary.

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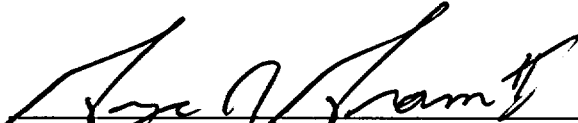
U. S. Nuclear Regulatory Commission
NYN-99120/Page 2

Enclosed is a list of North Atlantic commitments associated with this issue.

Should you have any questions regarding this matter, please contact Mr. James M. Peschel,
Manager - Regulatory Programs, at (603) 773-7194.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



Ted C. Feigenbaum ← For
Executive Vice President and
Chief Nuclear Officer

cc: H. J. Miller, NRC Regional Administrator
R. M. Pulsifer, NRC Project Manager, Project Directorate 1-2
R. K. Lorson, NRC Senior Resident Inspector

ENCLOSURE TO NYN-99120

North Atlantic Commitments Contained in NYN-99120

Description of Commitment

AR#99016045-02 North Atlantic will perform an additional inspection of the "A" EDG Exhaust Piping Elbow with increased area coverage prior to the completion of refueling outage 08. Based upon the results of this additional inspection, North Atlantic will determine if future inspections are necessary.