

**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

November 27, 1997

Docket No. 50-443

NYN-96084

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

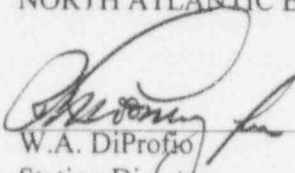
Seabrook Station
Supplement to Diesel Generator Special Report

North Atlantic Energy Service Corporation (North Atlantic) has enclosed a supplement to its October 17, 1996¹ Diesel Generator Special Report which documented diesel generator failures experienced during the period of September 19 through 22, 1996. The Special Report was filed in accordance with Technical Specifications 4.8.1.1.3 and 6.8.2. This supplement details North Atlantic's actions taken in regard to potential 10 CFR Part 21 issues identified by North Atlantic and associated with the events described in the October 17, 1996 Special Report. This supplement is submitted pursuant to 10 CFR 21.21(a)(2), as an interim report regarding a potential 10 CFR 21 defect.

Should you have any questions regarding this response, please contact Mr. Anthony M. Callendrello, Licensing Manager, at (603) 474-9521, extension 2751.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.


W.A. DiProffio
Station Director

cc: H. J. Miller, Regional Administrator
A. W. De Agazio, Sr. Project Manager
J. B. Macdonald, NRC Senior Resident Inspector

Mr. Ted Stevenson
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701 White Avenue
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¹ North Atlantic letter NYN-96073, "Diesel Generator Special Report," W. A. DiProffio to Document Control Desk.

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SUPPLEMENT TO DIESEL GENERATOR SPECIAL REPORT

Seabrook Station Emergency Diesel Generator 1A

This Supplemental Diesel Generator Special Report documents North Atlantic's actions pertaining to a potential 10 CFR 21 defect. This supplement is submitted pursuant to 10 CFR 21.21(a)(2) as an interim report on a potential 10 CFR 21 defect.

North Atlantic identified two specific items that required review to determine 10 CFR 21 reportability. The two issues involve replacement powerpills discussed in the initial October 17, 1996 Special Report and the operation of the temperature control valve which use the powerpills to control diesel generator lube oil temperature. Discussions with Coltec Industries, the diesel generator manufacturer, resulted in a decision to transfer responsibility for evaluating these issues to Coltec. North Atlantic and Coltec agree that Coltec has the unique experience and expertise necessary to conclusively determine if a 10 CFR 21 reportable condition exists.

Coltec requested that North Atlantic forward engine operating data, a chronological sequence of events, the powerpills in question and test results to Coltec to aid in their evaluation. Coltec plans on discussing the powerpill issues with RobertShaw Manufacturing, the manufacturer of the powerpills. Coltec will make any 10 CFR 21 required notifications to the NRC as appropriate. North Atlantic formally acknowledged transfer of responsibility for evaluating the following conditions with respect to 10 CFR 21 reportability requirements on November 21, 1996 in North Atlantic letter CE 96-015:

1. The powerpills procured from Coltec Industries did not adequately allow the lube oil temperature control valve to regulate lube oil temperature within it's required operating band. Subsequent testing of the powerpills revealed that they did not meet the minimum acceptance criteria for stroke as defined by RobertShaw.
2. Should the powerpill not reach full extension, the lube oil control valve will remain in the heat exchanger bypass position and overheating could result.

Submittal of this supplemental report is intended to address 10 CFR 21 interim reporting requirements, per 10 CFR 21.21(a)v(2). North Atlantic has requested and expects that Coltec will complete their evaluation and make the appropriate report to the NRC within sixty (60) days of the date of this letter.