



**North
Atlantic**

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The Northeast Utilities System

April 28, 2000

Docket No. 50-443

NYN-00046

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

Seabrook Station
Revision to License Amendment Request 99-01,
"Changes To Emergency Diesel Generator Fuel Oil Surveillance Requirements"

North Atlantic Energy Service Corporation (North Atlantic) has enclosed herein a revision to License Amendment Request (LAR) 99-01. LAR 99-01 was submitted on November 30, 1999, pursuant to the requirements of 10CFR50.90 and 10CFR50.4.

LAR 99-01 proposed changes to Seabrook Station Technical Specifications (TS) 4.8.1.1.2, 4.8.1.2, 6.7.6, and Bases 3/4.8.1, relating to the Emergency Diesel Generator (EDG) fuel oil sampling/testing surveillance requirements.

The revision (Enclosure 1) is associated with the proposed change to add a new Administrative Control Specification, 6.7.6i, "Diesel Fuel Oil Testing Program." The revision adds a footnote to Specification 6.7.6i.a.3, with respect to the clear and bright test, to reflect current practice for testing high sulfur fuel oil that has been dyed in accordance with EPA mandated requirements. The footnote notes that for fuel oil that has been dyed the centrifuge test method for quantifying water and sediment in distillate fuels specified in the applicable ASTM Standard is an acceptable method for performing this verification. LAR 99-01 addressed this issue stating that ASTM D4176-82 directs the usage of ASTM D2709-82 if the fuel oil has been dyed. The prescriptive requirement to use ASTM Standard D2709-82 is specified in the Diesel Fuel Oil Testing Program.

In addition, Specification 6.7.6i originally submitted as TS page 6-14A is now page 6-14C to reflect incorporation of changes authorized by Amendment 66 to the Seabrook Station Operating License, dated December 15, 1999. Amendment 66 is associated with relocation of the Radiological Effluent Technical Specifications.

The Station Operation Review Committee and the Nuclear Safety Audit Review Committee have reviewed the revision to LAR 99-01.

ADD1

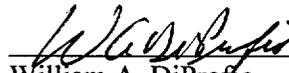
The revision does not alter the conclusion presented in LAR 99-01; that the proposed changes do not involve a significant hazard consideration pursuant to 10 CFR 50.92. In addition, the revision meets the criteria of 10 CFR 51.22(c)(9) for a categorical exclusion from the requirements for an Environmental Impact Statement.

A copy of this letter and the enclosed revision has been forwarded to the New Hampshire State Liaison Officer pursuant to 10 CFR 50.91(b).

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

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



William A. DiProffo
Station Director

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

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Enclosure 1

ADMINISTRATIVE CONTROLS

PROCEDURES AND PROGRAMS

6.7.6 (Continued)

- 2) A Land Use Census to ensure that changes in the use of areas at and beyond the SITE BOUNDARY are identified and that modifications to the monitoring program are made if required by the results of this census, and
- 3) Participation in a Interlaboratory Comparison Program to ensure that independent checks on the precision and accuracy of the measurements of radioactive materials in environmental sample matrices are performed as part of the quality assurance program for environmental monitoring.

i. Diesel Fuel Oil Testing Program

A diesel fuel oil testing program to implement required testing of both new fuel oil and stored fuel oil shall be established. The program shall include sampling and testing requirements, and acceptance criteria, using methodologies described in applicable ASTM Standards. The purpose of the program is to establish the following:

- a. Acceptability of new fuel oil for use prior to addition to storage tanks by determining that the fuel oil has:
 1. An API gravity or an absolute specific gravity within limits,
 2. A flash point and kinematic viscosity within limits for ASTM 2D fuel oil, and
 3. A clear and bright appearance with proper color*;
- b. Within 31 days following addition of the new fuel oil to the storage tank(s), verify that the properties of the new fuel oil, other than those addressed in a., above, are within limits for ASTM 2D fuel oil, and
- c. Total particulate concentration of the stored fuel oil is < 10 mg/l when tested every 31 days using methodologies described in applicable ASTM Standards.

The provisions of Specifications 4.0.2 and 4.0.3 are applicable to the Diesel Fuel Oil Testing Program test frequencies.

* For fuel oil that has been dyed, the centrifuge method for quantifying water and sediment in distillate fuels specified in the applicable ASTM Standard is an acceptable method of performing this verification.