



**North
Atlantic**

North Atlantic Energy Service Corporation
P.O. Box 300
Seabrook, NH 03874
(603) 474-9521

The Northeast Utilities System

November 15, 1999

Docket No. 50-443
NYN-99104

AR#97001166-02
AR#97001225-02

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Seabrook Station
10CFR50.59 Report and Revision 6 to the
Seabrook Station Updated Final Safety Analysis Report

North Atlantic Energy Service Corporation (North Atlantic) encloses herein the 10CFR50.59 Report and Revision 6 to the Seabrook Station Updated Final Safety Analysis Report (UFSAR). The 10CFR50.59 Report and the UFSAR are submitted pursuant to the requirements of 10CFR50.59(b)(2) and 10CFR50.71(e), and this submittal is in compliance with the 18 month schedule established in North Atlantic's letter¹ and the updated schedule contained in North Atlantic's subsequent letter². This report covers the period from June 27, 1997 through May 13, 1999. UFSAR Revision 6 incorporates approved and implemented design changes and UFSAR changes identified through May 13, 1999. The incorporated changes to the UFSAR have been subject to review in accordance with 10CFR50.59. The reviews determined that these changes did not constitute unreviewed safety questions.

Each UFSAR replacement page includes the revision number and a vertical line (revision bar) in the left margin, adjacent to the actual change. Please note that some replacement pages have a revision number at the top of the page but no revision bar. This indicates that text position has changed as a result of text changes on previous pages and no other changes have occurred. Summaries of the 10CFR50.59 safety evaluations for the changes incorporated in Revision 6 of

¹ North Atlantic letter NYN-93080 dated May 26, 1993, "10CFR50.59 Annual Report and Revision 2 to the Seabrook Station Updated Final Safety Analysis Report," T. C. Feigenbaum to USNRC.

² North Atlantic letter NYN-94096 dated August 26, 1994, "Revised Schedule for the 10CFR50.59 Report and UFSAR Revision Submittal," T. C. Feigenbaum to USNRC.

A053

PDR ADOCK 0500443 K

the UFSAR are attached as Enclosure 1. Enclosure 2 provides a summary of the 10CFR50.59 safety evaluations performed to support facility and procedure changes during the reporting period that were determined to be reportable pursuant to 10CFR50.59(b)(2). Enclosure 3 is a listing of 10CFR50.59 safety evaluations performed during this reporting period that were performed for conservatism and did not meet the reporting requirements as outlined in 10CFR50.59.

North Atlantic has identified some 10CFR50.59 safety evaluations that were inadvertently omitted from previous 10CFR50.59 reports due to administrative errors. Accordingly, the enclosures contain summaries of these safety evaluations.

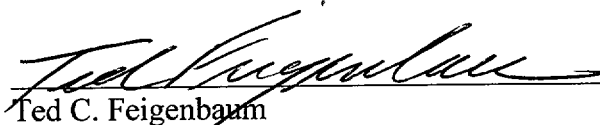
This UFSAR submittal, specifically Chapter 17 and Appendix 17A, addresses the reporting requirements of 10CFR50.54(a).

The signed original and ten copies of the UFSAR revision are being submitted to the Document Control Desk, Washington, DC, along with a copy to the Regional Office, King of Prussia, PA and a copy to the Resident Inspector at Seabrook Station. This distribution complies with the requirements of 10CFR50.4(b)(6).

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

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



Ted C. Feigenbaum
Executive Vice President and
Chief Nuclear Officer

cc: H. J. Miller, NRC Region I Administrator
J. T. Harrison, NRC Project Manager, Project Directorate 1-2
R. K. Lorson, NRC Senior Resident Inspector

STATE OF NEW HAMPSHIRE

Rockingham, ss.

November 15, 1999

Then personally appeared before me, the above-named, Ted C. Feigenbaum, Executive Vice President and Chief Nuclear Officer, North Atlantic Energy Service Corporation that he is duly authorized to execute and file the foregoing information in the name and on the behalf of North Atlantic Energy Service Corporation and that to the best of his knowledge and belief, the enclosed 10 CFR50.71(e)(2)(i) submittal accurately presents changes made since the previous submittal.



Marilyn R. Sullivan, Notary Public

My Commission Expires: March 19, 2002