



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

August 12, 1992

Docket No. 50-443

Mr. Ted C. Feigenbaum, Senior Vice President
and Chief Nuclear Officer
North Atlantic Energy Service Corporation
Post Office Box 300
Seabrook, New Hampshire 03874

Dear Mr. Feigenbaum:

SUBJECT: CLOSEOUT OF NRC BULLETIN 88-11, PRESSURIZER SURGE LINE THERMAL
STRATIFICATION, SEABROOK STATION, UNIT NO. 1 (TAC NO. M72080)

The purpose of this letter is to inform you we have reviewed your response to
NRC Bulletin 88-10 and now consider this issue closed.

By your letters NYN-88163, dated December 27, 1988, NYN-88164, dated
December 30, 1988, NYN-89023, dated March 7, 1989, NYN-89037, dated April 10,
1989, NYN-89077, dated June 30, 1989, NYN-89159, dated December 1, 1989, and
NYN-92061, dated May 12, 1992, you responded to NRC Bulletin 88-11 for
Seabrook Station, Unit No. 1.

Seabrook Station (an applicant for a pressurized water reactor license at the
time Bulletin 88-11 was issued) is responsible for Items 2 (parts a through d)
and 3 of the Bulletin. Item 2a, demonstrating the pressurizer surge line
meets applicable design code and other Final Safety Analysis Report and
regulatory commitments for the licensed life of the plant, was addressed by
NYN-89077. Item 2b, modifications to reduce fatigue and stresses to
acceptable levels, is not necessary since your stated results indicate
acceptable fatigue and stress levels.

Response to Item 2c of Bulletin 88-11, monitoring the pressurizer surge line
for thermal stratification, thermal striping, and piping deflections, is
documented in NYN-92061. As requested in the NRC Safety Evaluation on
Seabrook surge line stratification dated October 24, 1989, New Hampshire
 Yankee monitored the pressurizer surge line during the first operating cycle
of Seabrook. You indicated temperature and displacement data collected was
within the thermal stratification design transients used in the structural and
fatigue evaluation of the pressurizer surge line. You also stated in
NYN-92061 that the ASME Code, Section III, Class 1 Piping Stress Analysis for
Seabrook Station was updated in April, 1990, to address pressurizer surge line
stratification concerns, satisfying Item 2d of Bulletin 88-11.

Item 3 of the Bulletin required documentation of the program and corrective
actions requested in Item 2. These records are to be maintained in accordance
with 10 CFR 50, Appendix B, and plant procedures. Based upon the above

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information, you concluded that the pressurizer surge line at Seabrook meets the applicable design requirements, and believed that this issue is closed.

Based on our review of your submittals, we conclude that the actions taken to date fully respond to the issues identified in the subject bulletin. Therefore, we consider this issue closed and TAC No. M72080 is closed by this letter. The staff may conduct an inspection of your implementation at a later time.

Sincerely,

Original signed by
Gordon E. Edison, Senior Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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Mr. Ted C. Feigenbaum

Seabrook

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