

August 9, 2000

Mr. Ted C. Feigenbaum
Executive Vice President and
Chief Nuclear Officer
North Atlantic Energy Service Corporation
c/o Mr. James M. Peschel
P.O. Box 300
Seabrook, NH 03874

SUBJECT: SEABROOK STATION, UNIT NO. 1 - REQUEST FOR ADDITIONAL
INFORMATION REGARDING SECOND 10-YEAR INTERVAL
INSERVICE TEST PROGRAM PLAN (TAC NO. MA8532)

Dear Mr. Feigenbaum:

By letter dated March 21, 2000, North Atlantic Energy Service Corporation (North Atlantic) submitted for staff review, their Inservice Test Reference Manual (SITR) which serves as the Seabrook Station's Second 10-Year Interval Inservice Test (IST) Program Plan. Included with the SITR were eight relief requests submitted for staff review and approval. Through the review the staff has generated questions that need to be addressed so that the staff may complete its review. These questions are enclosed as a Request for Additional Information (RAI).

These questions were discussed with members of your staff on August 2, 2000, and it was agreed that North Atlantic will respond by August 18, 2000.

Sincerely,

/RA/

Robert M. Pulsifer, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-443

Enclosure: RAI

cc w/encl: See next page

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*RAI input dated 8/3/00

ACCESSION NO: ML003738242

No major changes were made.

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DATE	8/8/00	8/8/00	8/03/00	8/9/00

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REQUEST FOR ADDITIONAL INFORMATION

Relief Requests for Seabrook Second 10-year IST Program

Relief Request PG-1

1. What are the full-scale ranges of the flow measurement instruments for the CC and RH systems?
2. What are the reference values?

Relief Request PR-1

1. How does the pre-operational test data compare with the current pump test data?
2. Please provide data to demonstrate that the proposed testing meets the intent of the testing required by ISTB 4.3.e.1.

Relief Request PR-2

1. Are there any known degradation mechanisms below 6 Hz for these pumps?
2. Are these pumps monitored for degradation under any other (non-Code) program? For instance, is spectral analysis and trending performed for these pumps in a predictive maintenance program?

Relief Request PR-3

1. Describe the hardship involved in meeting the comprehensive pump test instrument accuracy requirements (ISTB 4.7.1(a)) for the inlet pressure measurement.
2. How does the accuracy of the inlet pressure measurement affect the accuracy of the differential pressure?

Relief Request VG-1

1. Please explain why the proposed alternative testing is not in accordance with Code requirements.

Relief Request VG-2

1. What type of diagnostic equipment and techniques will be used to measure stroke time?
2. Is quarterly exercising of the valves (without measuring stroke time), in addition to the proposed alternative testing, an option which has been considered? Are these valves exercised by normal operation or by other non-IST programs?