



Public Service of New Hampshire

SEABROOK STATION
Engineering Office:
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(617) - 872 - 8100

June 3, 1983

SBN-515
T.F. Q2.2.2

United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Attention: Mr. Richard W. Starostecki, Director
Division of Resident and Project Inspection

References: (a) Construction Permits CPPR-135 and CPPR-136, Docket
Nos. 50-443 and 50-444
(b) Telecon of May 4, 1983, A. L. Legendre, Jr. (YAEC) to
C. Holden (NRC Region I)

Subject: Interim 10CFR50.55(e) Report; Suspect NDE Examinations

Dear Sir:

On May 14, 1983, we reported a potential 10CFR50.55(e) deficiency [Reference (b)] regarding the suspect quality of NDE examinations performed at Seabrook Station.

It has been determined that this item is reportable under 10CFR50.55(e). The following information is being filed pursuant to the interim reporting provision of 10CFR50.55(e)(3).

A. Description of Deficiency

Based on the latest information provided by the contractor, it now appears that the inspector in question performed a total of 2,408 non-destructive examinations which affected a total of 1,966 welds. The discrepancy in numbers is based on the fact that many of the examinations were performed on non-welded items (crane hoods, base material, etc.) and, in many instances, more than one examination was performed on a single weld joint. The validity of all these examinations remains in doubt, except where re-examined as noted below.

B. Analysis of Safety Implications

Based on the latest information provided by the contractor, approximately 65% of the affected welds are non-safety related, 33% are safety related, and 2% are other types.

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C. Corrective Action Taken

The contractor has taken the following action:

1. A statistical sampling of the examinations performed by other NDE technicians was completed. This sampling determined that the situation was restricted to one individual.
2. A plan has been established to re-examine 100% of all readily accessible affected work performed by the inspector in question regardless of classification. This re-examination is currently underway. Of the 60 areas re-examined to date, 43 have been accepted and 17 have been questioned.

We have yet to receive information concerning the type of defects which caused these 17 welds to be suspect, nor do we know the safety classification of the items involved.

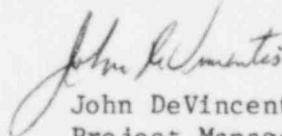
3. Efforts are being made to increase the contractors NDE staff to expedite the re-examination.
4. Inaccessible items will be evaluated on a case-by-case basis.

D. Information for Analysis and Evaluation

Our investigation is continuing. At present, it is not possible to determine the safety implications of this situation. A follow-up report will be submitted by August 31, 1983.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY


John DeVincentis
Project Manager

ALL/pf

cc: Atomic Safety and Licensing Board Service List

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