



Public Service of New Hampshire

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

April 25, 1983
SBN-501
T.F. Q2.2.2

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

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

References: (a) Construction Permit CPPR-135 and CPPR-136,
Docket Nos. 50-443 and 50-444
(b) Telecon of March 25, 1983, A. L. Legendre (YAEC) to Eugene
Kelly, (NRC Region I)

Subject: Final 10CFR50.55 (e) Report; Gould Class 1E Battery Cell Spacers

Dear Sir:

On March 25, 1983, a reportable 10CFR50.55(e) item was reported
[Reference (b)] regarding the Gould Class 1E Battery Cell Spacers.

The following information is provided per 10CFR50.55 (e) (3), and is
considered to be the final report on this item.

During the review of the Gould Qualification Report for the Class 1E
Batteries, it was noted that a failure resulted during the initial seismic
testing of the cells. This failure was attributed to the spacer material
between cells. The open cell type spacer material was permanently deformed
when compressed. The spacer material was changed to a closed cell
polyethylene. The batteries were retested, and they passed the seismic test.

DESCRIPTION OF THE DEFICIENCY:

Gould was requested to confirm that the cell spacer material supplied to
Seabrook was the same type as used in the successful test. On March 9, 1982,
Gould informed us that they could not confirm which material was supplied to
Seabrook. We obtained samples of the spacer material from the site, and
forwarded them to Gould on March 22, 1983, for their review and analysis.

Gould confirmed that the open cell type material was supplied to
Seabrook, and should be replaced with the qualified material.

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ANALYSIS OF SAFETY IMPLICATIONS:

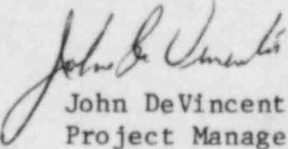
This item is considered to be a reportable deficiency because the batteries are safety-related items, and could fail during a seismic event if the spacer material is not changed.

CORRECTIVE ACTION BEING TAKEN:

Gould will supply the correct spacer material for installation at Seabrook Station.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY


John DeVincentis
Project Manager

MHO/cs

cc: Atomic Safety and Licensing Board Service List

Director, Office of Inspection and Enforcement
Washington, D.C. 20555

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