



Public Service of New Hampshire

Certified By

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## SEABROOK STATION

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January 26, 1983

SBN-436

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 Permit CPPR-135 and CPPR-136, Docket  
Nos. 50-443 and 50-444  
(b) Telecon of December 23, 1982, A. L. Legendre, Jr. (YAEC) to  
Eugene Kelley (NRC Region I)

Subject: Final 10CFR50.55(e) Report; Non-Seismic Control Room Office  
Partitions

Dear Sir:

On December 23, 1982, a reportable 10CFR50.55(e) item was reported  
[Reference (b)] regarding non-seismic Control Room Office partitions.

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

Description of Deficiency

The west and south partition-type (non-masonry) walls of the Shift  
Supervisor's Office and the west and north partition-type (non-masonry) walls  
of the Emergency Storage Room in the Control Room at Elevation 75'-0" of the  
Control Building were not designed initially to Project seismic criteria.

This deficiency was discovered when an on-site licensee engineer  
questioned the fire rating capability of those walls. When the responsible  
engineer reviewed their design, he noted that they were not designed to the  
Project seismic criteria.

Investigation revealed that the original design of these two particular  
offices in their original location was not made using seismic design  
criteria. Subsequent Control Room design developments included upgrading the  
seismic design of various systems, components, and structures, and the  
addition of the Technical Support Center in the approximate area where the two  
subject offices were originally located. When the offices were moved to their  
present location, the seismic design upgrading did not take place. The  
non-seismic Category 1 walls defined in the first paragraph are now installed.

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Analysis of Safety Implications

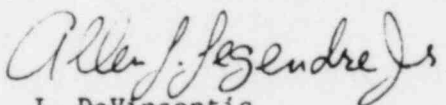
Failure of these partition-type (non-masonry) walls under seismic loadings could possibly cause damage and failure of safety-related instrument and control components in the immediate area.

Corrective Action Taken

The design of all partition-type (non-masonry) walls in all seismic Category 1 buildings has been reviewed to assure their proper seismic design, where required. The results of the review showed that all other partition-type (non-masonry) walls in all seismic Category 1 buildings had been seismically designed, where required. The design of the subject walls has been revised and the walls will be structurally modified to assure that specified seismic loads will not cause them to fail in such a way as to jeopardize the operability of any safety-related components in the Control Room. The structural revisions to these walls will be accomplished to meet the Project schedule.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

  
J. DeVincentis  
For: Project Manager

ALL/fsf

cc: Director Office of Inspection and Enforcement  
Washington, DC 20555

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