

SEABROOK STATION
Engineering Office

September 16, 1986

Public Service of New Hampshire

NEW HAMPSHIRE YANKEE DIVISION

SBN- 1195
T.F. Q2.2.2United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406Attention: Mr. Richard W. Starostecki, Director
Division of Project and Resident Programs

References:

- (a) Construction Permits CPPR-135 and CPPR-136, Docket Nos. 50-443 and 50-444
- (b) Telecon of December 6, 1985, D. M. Pepe and D. E. Groves (YAEC) to Robert Gallo (NRC - Region I)
- (c) PSNH Letter (SBN-963), dated March 6, 1986, "Interim 10CFR50.55(e) Report: Failure of Fire Damper to Close Under Design Airflow Conditions", J. DeVincentis to R. W. Starostecki

Subject: Final 10CFR50.55(e) Report: Failure of Fire Damper to Close Under Design Airflow Conditions (CDR 85-00-20)

Dear Sir:

In Reference (b), we reported a 10CFR50.55(e) deficiency regarding failure of fire dampers to close under design airflow conditions. Failure of fire dampers to close under these flow conditions would violate the integrity of the fire barriers which could prevent safe shutdown of the plant due to a fire.

We have completed the following corrective actions [see also Reference (c)] required for this item:

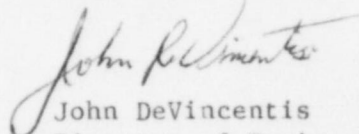
1. Calculations to determine which fire dampers could fail under dynamic flow conditions.

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2. A test program to verify the calculations and damper closure under operating airflow conditions.
3. Modification (e.g., stronger closure spring) of fire dampers as required.
4. As a minimum, retesting of all modified fire dampers to verify closure under operating airflow conditions.

As such, this is considered our final report on this item.

Very truly yours,



John DeVincentis
Director of Engineering

cc: Atomic Safety and Licensing Board Service List

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