



SEABROOK STATION
Engineering Office

Public Service of New Hampshire

July 10, 1985

New Hampshire Yankee Division

SBN- 843
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 Project and Resident Programs

References: (a) Construction Permits CPPR-135 and CPPR-136, Docket
Nos. 50-443 and 50-444
(b) PSNH Letter SBN-656, "10CFR50.55(e) Report; Westinghouse
Type SA-1 Differential Relays," J. DeVincentis to
R. W. Starostecki, dated May 16, 1984

Subject: Final 10CFR50.55(e) Report: Westinghouse Type SA-1
Differential Relays (CDR 84-00-07)

Dear Sir:

In Reference (b), we filed an interim 10CFR50.55(e) report regarding a number of potential deficiencies associated with Westinghouse Type SA-1 differential relays which are used in the protection scheme for the emergency diesel generators. The deficiencies involved defective silicon-controlled rectifiers, defective tantalum capacitors and insufficient surge-withstand capability.

As stated in Reference (b), we planned to correct the applicable deficiencies based on manufacturer's recommendations. The corrective actions based on manufacturer's recommendations have been verified complete. This is our final report on this item.

Very truly yours,

John DeVincentis, Director
Engineering and Licensing

cc: Atomic Safety and Licensing Board Service List

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