



SEABROOK STATION
Engineering Office

Public Service of New Hampshire

New Hampshire Yankee Division

October 9, 1985

SBN-877
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-767, dated February 21, 1985, "Interim
10CFR50.55(e) Report: Gould Molded Case Circuit Breakers,"
J. DeVincentis to R. W. Starostecki

Subject: Final 10CFR50.55(e) Report: Gould Molded Case Circuit Breakers
(CDR 85-00-01)

Dear Sir:

In Reference (b), we filed an interim 10CFR50.55(e) Report regarding a deficiency with Gould molded case circuit breakers (Model HE3M040). This deficiency involved the failure of ten circuit breakers to pass the instantaneous overcurrent trip test performed at Seabrook Station by the Start-Up and Test Department. The acceptance criteria of this test were based on the manufacturer's time-current curve. It has since been determined that the manufacturer's information on the time-current curve regarding the instantaneous tripping range was incorrect. IE Information Notice 85-16, which addresses this topic, was subsequently issued by the NRC.

The corrective actions as stated in Reference (b) have been verified complete. The circuit breaker manufacturer has issued a revised time-current curve with the correct instantaneous tripping range. Based on this information, the subject breakers were tested successfully. In addition, test documentation data for previously accepted circuit breakers (HE3M040) has been reviewed and determined to be acceptable per the manufacturer's revised time-current trip curve. We have been informed by Gould that they will review purchase orders to assure that Class 1E requirements are clearly specified and that all Class 1E circuit breakers will be tested prior to shipment to the

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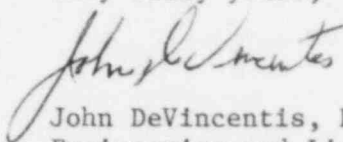
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United States Nuclear Regulatory Commission
Attention: Mr. Richard W. Starostecki

Page 2

requirements of NEMA AB-2, and objective evidence will be issued for each tested circuit breaker. This is our final report on this item.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John DeVincentis".

John DeVincentis, Director
Engineering and Licensing

cc: Atomic Safety and Licensing Board Service List

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