



SEABROOK STATION
Engineering Office

Public Service of New Hampshire

New Hampshire Yankee Division

February 12, 1986
SBN-941
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) Telecon of October 18, 1984, A. Legendre to A. Cerne,
(Seabrook Senior Resident Inspector)
(c) PSNH Letter SBN-733, dated November 28, 1984, "Interim
10CFR50.55(e) Report: Ferroresonant Transformer
Deficiencies in Westinghouse 7.5 kVA Inverters," J.
DeVincentis to R. W. Starostecki

Subject: Final 10CFR50.55(e) Report: Ferroresonant Transformer
Deficiencies in Westinghouse 7.5 kVA Inverters (CDR 84-00-16)

Dear Sir:

References (b) and (c) reported a potential 10CFR50.55(e) item regarding two component deficiencies in General Electric ferroresonant transformers used in Westinghouse inverters.

The first potential deficiency involved incorrect terminal connections on capacitors within the ferroresonant transformers. This problem was found in 10 of 12 inverters and in three of four spare ferroresonant transformers. Therefore, this item is now considered a reportable deficiency.

The rework recommendations given in Westinghouse Technical Bulletin 84-08 have been completed to correct this deficiency.

The second potential deficiency involved insufficient securing of the transformer reactor legs. The high-potential testing recommended in Westinghouse Technical Bulletin 84-11 has been successfully completed on all inverters and spare transformers indicating that this defect does not exist at Seabrook. Therefore, this item is not a reportable deficiency and no corrective action is required.

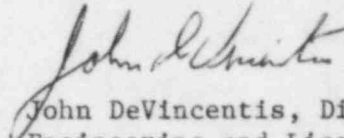
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Since the corrective action has been completed, we consider this the final report on this 10CFR50.55(e) deficiency.

Very truly yours,


John DeVincentis, Director
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cc: Atomic Safety and Licensing Board Service List

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