



SEABROOK STATION  
Engineering Office

February 25, 1985

Public Service of New Hampshire

SBN- 770  
T.F. Q2.2.2

New Hampshire Yankee Division

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 24, 1983, A. L. Legendre (YAEC) to Harry Kister (NRC Region I)  
(c) PSNH Letter SBN-583, dated November 23, 1983, "Interim 10CFR50.55(e) Report; Pacific Scientific Mechanical Shock Arrestor Capstan Spring", J. DeVincentis to R. W. Starostecki  
(d) PSNH Letter SBN-615, dated January 13, 1984, "Interim 10CFR50.55(e) Report; Pacific Scientific Mechanical Shock Arrestor Capstan Spring", J. DeVincentis to R. W. Starostecki  
(e) PSNH Letter SBN-629, dated February 28, 1984, "Interim 10CFR50.55(e) Report; Pacific Scientific Mechanical Shock Arrestor Capstan Spring", J. DeVincentis to R. W. Starostecki  
(f) PSNH Letter SBN-662, dated June 1, 1984, "Interim 10CFR50.55(e) Report; Pacific Scientific Mechanical Shock Arrestor Capstan Spring", J. DeVincentis to R. W. Starostecki  
(g) PSNH Letter SBN-699, dated July 31, 1984, "Interim 10CFR50.55(e) Report; Pacific Scientific Mechanical Shock Arrestor Capstan Spring", J. DeVincentis to R. W. Starostecki

Subject: Final 10CFR50.55(e) Report; Pacific Scientific Mechanical Shock Arrestor Capstan Spring

Dear Sir:

We filed, in Reference (g), an Interim 10CFR50.55(e) Report regarding cracked capstan springs in Pacific Scientific mechanical shock arresters. In that report we indicated that this item was reportable under 10CFR50.55(e), and we informed you of our corrective action plan to resolve this deficiency.

This report serves to notify you that the corrective actions stated in Reference (g) have been completed. The suspect capstan springs have been

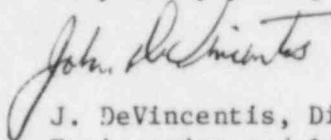
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replaced with new, properly-manufactured springs in all forty-eight shock arresters that are either the PSA-1 or PSA-3 model types. The tangs of the new springs were formed prior to age hardening, thereby preventing hydrogen cracking occurring during plating of the springs. The new springs do not exhibit any micro cracks. All forty-eight shock arresters were performance tested after being replaced with new springs.

This letter is considered to be the final report on this item.

Very truly yours,

A handwritten signature in dark ink, appearing to read "John DeVincentis", written in a cursive style.

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

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