

50-443

March 19, 1984

SBN- 639  
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 January 19, 1984, A. L. Legendre (YAEC) to  
Robert Gallo (NRC, Region I)  
(c) PSNH Letter, dated February 14, 1984, "Interim  
10CFR50.55(e) Report; Cracked and Broken Puffer Piston Rods  
in Brown Boveri Type 5HK Breakers"

Subject: Second Interim 10CFR50.55(e) Report; Cracked and Broken Puffer  
Piston Rods in Brown Boveri Type 5HK Breakers

Dear Sir:

In Reference (c), we filed an Interim 10CFR50.55(e) Report regarding cracked and broken puffer piston rods in Brown Boveri Type 5HK breakers. We stated that all the 5HK 350 breakers at Seabrook Unit 1 will be inspected for cracked or broken puffer piston rods, and the results of the inspection would determine if further action is required.

The inspection has been completed, and it has revealed a number of puffer piston rods with hairline cracks of varying degrees. Based on these results, it has been decided to replace all the defective rods. The replacement rods are the type recommended by the manufacturer, Brown Boveri Electric.

For conservatism, the plan at present is to replace not only the affected rods but all rods on Unit 1 5HK breakers, even if they do not show defects at the present time.

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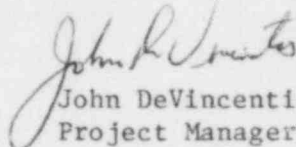
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A final report will be submitted when the replacement of all rods has been completed. This is estimated to be towards the end of June 1984.

This letter is being filed pursuant to interim reporting provisions of 10CFR50.55(e)(3).

Very truly yours,

  
John DeVincentis  
Project Manager

cc: Atomic Safety and Licensing Board Service List

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