



Public Service of New Hampshire

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December 2, 1983

SBN- 589  
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 November 8, 1983, A. L. Legendre, Jr. (YAEC) to  
H. Kister (NRC, Region I)

Subject: Interim 10CFR50.55(e) Report; Gould Inc., Multi-Pole Circuit  
Breakers

Dear Sir:

On November 8, 1983, we reported a potential 10CFR50.55(e) deficiency  
[Reference (b)] regarding Gould Inc., Multi-Pole Circuit Breakers.

It has been determined that this item is reportable under 10CFR50.55(e).  
The following information is being filed pursuant to the interim reporting  
provision of 10CFR50.55(e)(3).

A. Description of Deficiency

Gould Inc. has informed PSNH of a potential product defect in Molded Case  
100-Ampere Frames E2, E4, E6, HE4, and HE6 Multi-Pole Circuit Breakers  
supplied to PSNH by Gould. The defect may cause one of the outside poles  
of a multi-pole circuit breaker to fail to close when switched from the  
"OFF" to "ON" position.

B. Analysis of Safety Implication

If circuit breakers with the subject deficiency were installed in  
safety-related applications, operation of the circuit breaker may fail to  
energize or start the safety-related load.

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C. Corrective Action Taken

Gould provided PSNH with the date codes of the suspect circuit breakers. An inspection of the spare parts inventory and all power panels where such breakers are utilized, was performed to locate any circuit breakers with the suspect date code.

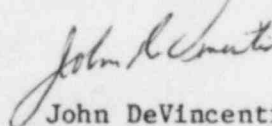
The results of the inspections showed that no circuit breakers with the suspect date code were installed in safety-related panels. Some circuit breakers with the suspect date code were found installed in nonsafety-related panels. There were, however, a number of circuit breakers without any date code found in both safety-related and nonsafety-related panels. Also, within the spare parts inventory, circuit breakers with the suspect date code and no date code were found.

Gould has informed PSNH that they will replace any circuit breakers with the suspect date code and those with no date code with current production circuit breakers. We are proceeding to obtain the replacement circuit breakers from Gould Inc.

We estimate that all affected safety-related breakers will be replaced by June 1984. Region I will be notified upon verification of completion of corrective action.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

  
John DeVincentis  
Project Manager

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cc: Atomic Safety and Licensing Board Service List

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