

MAR 11 1986

Docket No. 50-271

Vermont Yankee Nuclear Power Corporation
ATTN: Mr. Warren P. Murphy
Vice President and Manager of Operations
RD 5, Box 169
Ferry Road
Brattleboro, Vermont 05301

Gentlemen:

Subject: Inspection Report No. 50-271/86-05

This refers to the special inspection conducted by Messrs. W. J. Raymond and G. W. Meyer of this office on February 9-27, 1985, at the Vermont Yankee Nuclear Power Station, Vernon, Vermont. The inspection was performed as a result of the Standby Liquid Control (SLC) system test failure on February 8, 1986. The inspection findings were discussed with Mr. J. Pelletier of your staff at the conclusion of the inspection.

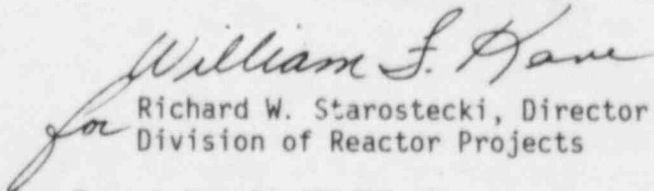
Our review of the circumstances associated with the SLC system test failure indicates the system was inoperable from July 11, 1984 until testing on February 8, 1986 due to an unintended change in the squib primer wiring by the vendor. We are concerned that your procurement program and post-installation testing program did not detect a product change that affected the operability of a safety system. We are also concerned with an unapproved change which you made to the squib firing circuit.

The apparent violation identified in our review of this event is discussed in the enclosed report. The need for and nature of appropriate enforcement action relative to the apparent violation will be the subject of separate correspondence at a later time. These matters will be discussed in an enforcement conference with you and members of your staff scheduled for March 19, 1986. You should come to the meeting prepared to discuss your understanding of these events and your planned and implemented corrective actions.

In accordance with 10 CFR 2.790 a copy of this letter and the enclosures will be placed in the NRC Public Document Room.

Your cooperation with us is appreciated.

Sincerely, *Original Signed By:*

for 
Richard W. Starostecki, Director
Division of Reactor Projects

Enclosure: NRC Region I Inspection Report No. 50-271/86-05

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cc w/encl:

Mr. R. W. Capstick, Licensing Engineer
Mr. W. F. Conway, President and Chief Executive Officer
Mr. J. P. Pelletier, Plant Manager
Mr. Donald Hunter, Vice President
Mr. Cort Richardson, Vermont Public Interest Research Group, Inc.
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
State of New Hampshire
State of Vermont
NRC Resident Inspector

bcc w/encl:

Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o encl)
DRP Section Chief
DRP Branch Chief
M. McBride, SRI, Pilgrim
H. Eichenholz, SRI, Yankee
V. Rooney, LPM, NRR

RI:DRP

Waymor.d/meo

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3/3/86

RI:DRP

Meyer

RI:DRP

Tripp

3/3/86

RI:DRP

Wenzinger

3/6/86

RI:DRP

Starostecki

3/11/86

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