



# VERMONT YANKEE NUCLEAR POWER CORPORATION

SEVENTY SEVEN GROVE STREET  
RUTLAND, VERMONT 05701

B.3.2.1  
WVY 79-115

REPLY TO:  
ENGINEERING OFFICE  
TURNPIKE ROAD  
WESTBORO, MASSACHUSETTS 01581  
TELEPHONE 617-366-9011

October 9, 1979

United States Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Office of Nuclear Reactor Regulation  
Mr. Harold R. Denton, Director

Reference: (a) License No. DPR-28 (Docket No. 50-271)  
(b) USNRC Letter to all operating light water reactors dated  
September 17, 1979  
(c) USNRC/IE Letter to VYNPC dated September 14, 1979

Dear Sir:

Subject: Potential Unreviewed Safety Question Regarding Safety Function  
Interactions with Non-Safety Grade Systems

This letter responds to your letter, Reference (b), regarding the above  
subject, which was further detailed in Reference (c).

Vermont Yankee has completed an investigation of the systems specifically  
identified in Reference (c). We have not identified an environmentally  
induced failure which would alter the conclusions of the operating license. A  
description of this investigation which includes an identification of possible  
interactions between non-safety grade and safety grade systems, and their  
impact on the safety analysis are presented in the enclosure entitled:  
"Report on Failure Effects of Equipment Not Qualified for Accident Related  
Environments".

As detailed in the enclosure, Vermont Yankee is continuing, under Phase II,  
its efforts in this matter. We believe this work will involve a long term  
commitment and that the scope of the action required is fully consistent with  
requirements of NUREG-0578, and should therefore be integrated with the  
planned response sequence for compliance with the NUREG.

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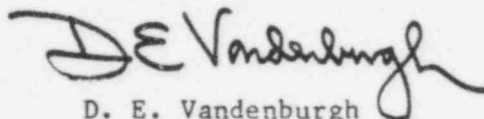
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We believe the information and commitment presented herein are responsive to your request. We are concerned at the prominence given this matter when industry resources are being severely taxed to respond to similar matters already under consideration as detailed in NUREG-0578.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION



D. E. Vandenburg  
Vice President

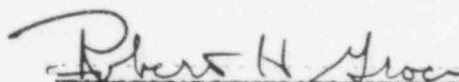
RHG/nj

COMMONWEALTH OF MASSACHUSETTS

ss.

COUNTY OF WORCESTER

Then personally appeared before me on the 9th day of October, 1979, D. E. Vandenburg, who, being duly sworn did state that he is Vice President of Vermont Yankee Nuclear Power Corporation, that he is duly authorized to execute and file the foregoing request in the name and on the behalf of Vermont Yankee Nuclear Power Corporation, and that the statements therein are true to the best of his knowledge and belief.



Robert H. Groce                      Notary Public  
My Commission Expires September 14, 1984

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