

December 4, 1990

Mr. L. A. Tremblay  
Licensing Engineer  
Vermont Yankee Nuclear Power Corporation  
580 Main Street  
Bolton, Massachusetts 01740-1398

Dear Mr. Tremblay:

SUBJECT: CONFORMANCE TO REGULATORY GUIDE 1.97 FOR VERMONT YANKEE NUCLEAR  
POWER STATION (TAC NO. 51365)

Generic Letter 82-33, dated December 17, 1982, requested that you report to NRC on how the post accident monitoring system at VY meets the guidelines of Regulatory Guide 1.97 (R.G. 1.97) as applied to emergency response facilities. You responded by letters dated October 30, 1984, October 25, 1985, August 11, 1987, July 28, 1988, and September 1, 1989.

We are transmitting our subject safety evaluation with an attachment, the EG&G Idaho, Inc., Technical Evaluation Report (TER) dated May 1990. We find that the instrumentation provided by Vermont Yankee Nuclear Power Corporation for meeting the recommendations of R.G. 1.97, Revision 3, acceptable, except for the following variables: neutron flux and cooling water temperature to ESF components. Please provide your project manager with a schedule for implementing changes to improve instrumentation to monitor cooling water temperature to ESF system components. The staff's position on neutron flux has been appealed by the BWR Owners Group and is currently under consideration. Our safety evaluation is based on our review of EG&G's TER EGG-EA-6946, Revision 2.

Sincerely,

Original signed by:

Morton B. Fairtile, Senior Project Manager  
Project Directorate I-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

DFC	: PDI-3/LA	: PDI-3/PM	: PDI-3/DIR	:	:	:
NAME	: MRashbrook	: MBFairtile:mw	: RWesman	:	:	:
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NRC&Local PDRs

S. Varga

B. Boyer

M. Rushbrook

M. B. Fairtile

R. Wessman

OGC (For information only)

E. Jordan

ACRS (10)

J. Johnson, RI

PDI-3 r/f

C. Abbatte

S. Newberry

Mr. L. A. Tremblay, Senior Licensing  
Engineer

Vermont Yankee

cc:

Mr. J. Gary Weigand  
President & Chief Executive Officer  
Vermont Yankee Nuclear Power Corp.  
R.D. 5, Box 169  
Ferry Road  
Brattleboro, Vermont 05301

Mr. John DeVincentis, Vice President  
Yankee Atomic Electric Company  
580 Main Street  
Bolton, Massachusetts 01740-1398

Regional Administrator, Region I  
U. S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406

R. K. Gad, III  
Ropes & Gray  
One International Place  
Boston, Massachusetts 02110

Mr. W. P. Murphy, Senior Vice President,  
Operations  
Vermont Yankee Nuclear Power Corporation  
R.D. 5, Box 169  
Ferry Road  
Brattleboro, Vermont 05301

Mr. George Sterzinger, Commissioner  
Vermont Department of Public Service  
120 State Street, 3rd Floor  
Montpelier, Vermont 05602

Public Service Board  
State of Vermont  
120 State Street  
Montpelier, Vermont 05602

Chairman, Board of Selectmen  
Town of Vernon  
Post Office Box 116  
Vernon, Vermont 05353-0116

Mr. Raymond N. McCandless  
Vermont Division of Occupational  
and Radiological Health  
Administration Building  
Montpelier, Vermont 05602

Honorable James J. Easton  
State of Vermont  
109 State Street  
Montpelier, Vermont 05602

James Volz, Esq.  
Special Assistant Attorney General  
Vermont Department of Public Service  
120 State Street  
Montpelier, Vermont 05602

G. Dana Bisbee, Esq.  
Office of the Attorney General  
Environmental Protection Bureau  
State House Annex  
25 Capitol Street  
Concord, New Hampshire 03301-6937

Mr. James Pelletier  
Vice President - Engineering  
Vermont Yankee Nuclear Power Corp.  
P.O. Box 169, Ferry Road  
Brattleboro, Vermont 05301

Resident Inspector  
Vermont Yankee Nuclear Power Station  
U.S. Nuclear Regulatory Commission  
P.O. Box 176  
Vernon, Vermont 05354

John Traficonte, Esq.  
Chief Safety Unit  
Office of the Attorney General  
One Ashburton Place, 19th Floor  
Boston, Massachusetts 02108

Adjudicatory File (2)  
Atomic Safety and Licensing Board  
Panel Docke,  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Robert M. Lazo, Chairman  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. L. A. Tremblay Vermont Yankee

cc:

Frederick J. Shon  
Administrative Judge  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Jerry R. Kline  
Administrative Judge  
Atomic Safety and Licensing Board  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555