

February 10, 1992

Docket No. 50-271

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

Dear Mr. Tremblay:

SUBJECT: VERMONT YANKEE FEEDWATER CHECK VALVES V27B AND V96B (TAC M82324)

This responds to your letter dated December 19, 1991, in which you requested a determination as to whether the subject feedwater check valves must be replaced. The staff has evaluated a Brookhaven National Laboratory destructive analysis (MT-L1529-3 Evaluation of Cracks Found in Stellite Valve Guides at Vermont Yankee Nuclear Power Station dated September 1991) of flaws in identical valves, and has concluded that check valves V27B and V96B need not be replaced.

However, to monitor any flaw growth, augmented volumetric inspection of the flaws in valve V27B must be performed in accordance with the schedule in paragraph IWC-2420(b) of ASME Code Section XI. In addition, all ASME Code Section XI inservice inspections (item no. C6.20, Table IWC-2500-1) of both V96B and V27B valve bodies must include volumetric examination of the flaws.

Our Safety Evaluation addressing this matter is enclosed. Please contact me if you have any further questions.

Sincerely,

/s/

Patrick Sears, Project Manager
Project Directorate I-3
Division of Reactor Projects
Office of Reactor Regulation

Enclosure: Safety Evaluation

cc w/enclosures:

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Docket No. 50-271

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NAME	:MRushbrook	:PSears:cir	:JWiggins	:AMendiola	:
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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

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

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

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

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

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

R. K. Cad, III
Ropes & Gray
One International Place
Boston, Massachusetts 02110-2624

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

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

Mr. David Rodham, Director
Massachusetts Civil Defense Agency
400 Worcester Road
P.O. Box 1496
Framingham, Massachusetts 01701-0317
ATTN: James Muckerheide

Mr. Richard P. Cedano, 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 05354-0116

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