

June 27, 1984

Docket No. 50-271

Mr. J. B. Sinclair
Licensing Engineer
Vermont Yankee Nuclear Power Corporation
1671 Worcester Road
Framingham, Massachusetts 01701

Dear Mr. Sinclair:

SUBJECT: IMPLEMENTATION OF NUREG-0619, BWR
FEEDWATER AND CRD NOZZLE CRACKING

Re: Vermont Yankee Nuclear Power Station

The staff has completed its safety review of BWR feedwater nozzle and CRD return line nozzle cracking based on NUREG-0619 and the recommendations of NEDE-21821-A. From this review, the staff concludes that Vermont Yankee can operate without the rerouting of the reactor water cleanup (RWCU) and the installation of the low-flow controller in the feedwater system. You should continue to perform the routine inspections of the feedwater nozzles and spargers specified in Table 2 of NUREG-0619. The enclosed Safety Evaluation documents the staff's review.

Sincerely,

Original signed by/

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

DISTRIBUTION

Docket File

NRC PDR
Local PDR

ORB#2 Reading
DEisenhut
OELD

SNorris
VRooney
ELJordan

JNGrace
ACRS (10)
Gray File

DL:ORB#2
SNorris:ajs
06/27/84

DL:ORB#2
VRooney
06/27/84

DL:ORB#2
DVassallo
06/27/84

8407110046 840627
PDR ADOCK 05000271
P PDR

Mr. J. B. Sinclair
Vermont Yankee Nuclear Power Corporation
Vermont Yankee Nuclear Power Station

cc:

Mr. W. F. Conway
President & Chief Executive Officer
Vermont Yankee Nuclear Power Corp.
R. D. 5, Box 169
Ferry Road
Brattleboro, Vermont 05301

Mr. Louis Heider, Vice President
Vermont Yankee Nuclear Power Corp.
1671 Worcester Road
Framingham, Massachusetts 01701

New England Coalition on
Nuclear Pollution
Hill and Dale Farm
R. D. 2, Box 223
Putney, Vermont 05346

Mr. Walter Zaluzny
Chairman, Board of Selectman
Post Office Box 116
Vernon, Vermont 05345

J. P. Pelletier, Plant Manager
Vermont Yankee Nuclear Power Corp.
Post Office Box 157
Vernon, Vermont 05354

Raymond N. McCandless
Vermont Division of Occupational
& Radiological Health
Administration Building
10 Baldwin Street
Montpelier, Vermont 05602

Honorable John J. Easton
Attorney General
State of Vermont
109 State Street
Montpelier, Vermont 05602

John A. Ritscher, Esquire
Ropes & Gray
225 Franklin Street
Boston, Massachusetts 02110

W. P. Murphy, Vice President &
Manager of Operations
Vermont Yankee Nuclear Power Corp.
R. D. 5, Box 169
Ferry Road
Brattleboro, Vermont 05301

U. S. Environmental Protection
Agency
Region I Office
Regional Radiation Representative
JFK Federal Building
Boston, Massachusetts 02203

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

Vermont Yankee Decommissioning
Alliance
43 State Street
Montpelier, Vermont 05602-2964

Resident Inspector
U. S. Nuclear Regulatory Commission
Post Office Box 176
Vernon, Vermont 05354

Vermont Public Interest
Research Group, Inc.
43 State Street
Montpelier, Vermont 05602

Thomas A. Murley
Regional Administrator
Region I Office
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Mr. Richard Saudek, Commissioner
Vermont Department of Public Service
120 State Street
Montpelier, Vermont 05602