

September 24, 1992

Docket No. 50-271

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

Dear Mr. Tremblay:

SUBJECT: VERMONT YANKEE NUCLEAR POWER STATION, SAFETY EVALUATION OF
FROSSTEY-2 COMPUTER CODE (TAC NO. M68216)

By letter dated December 16, 1987, you requested NRC review and approval of the FROSSTEY-2 code. Based on our review and consultant Pacific Northwest Laboratories Technical Evaluation Report recommendations as given in the enclosed Safety Evaluation, we find the FROSSTEY-2 code is acceptable for licensing applications in normal operation analyses, LOCA initial conditions, and transient analyses except BWR transient CPR applications. The BWR transient CPR applications will be reviewed during reload applications.

Sincerely,

/s/

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

Enclosures:

- 1) Safety Evaluation
- 2) Technical Evaluation Report

cc w/enclosures:
See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

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Sincerely,

A handwritten signature in cursive script that reads "Patrick Sears".

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

Enclosures:

- 1) Safety Evaluation
- 2) Technical Evaluation Report

cc w/enclosures:
See next page

Mr. L. Tremblay, Senior Licensing
Engineer

Vermont Yankee Nuclear Power Station

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