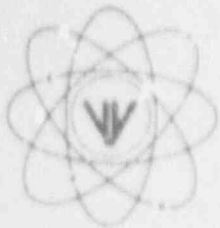


VERMONT YANKEE NUCLEAR POWER CORPORATION



Ferry Road, Brattleboro, VT 05301-7002

VERMONT
ENGINEERING OFFICE
580 MAIN STREET
BURLINGTON, MA 01740
(508) 778-6211

March 27, 1992
BVG 92-39

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

- References:
- a. License No. DPR-28 (Docket No. 50-271)
 - b. Letter, VYNPC to USNRC, FVY 87-116, dated December 16, 1987
 - c. Letter, USNRC to VYNPC, NVY 90-051, dated March 9, 1990
 - d. Letter, VYNPC to USNRC, BVY 90-045, dated April 19, 1990
 - e. Letter, VYNPC to USNRC, BVY 90-054, dated May 10, 1990
 - f. Letter, VYNPC to USNRC, BVY 91-024, dated March 6, 1991
 - g. Letter, USNRC to VYNPC, NVY 92-002, dated January 28, 1992

Subject: LOCA-Related Responses to Open Issues on FROSSTEY-2
Fuel Performance Code

Dear Sir:

By Reference (b), Vermont Yankee submitted a revised fuel performance code, FROSSTEY-2, for NRC review. In Reference (c), NRC requested additional information from Vermont Yankee. Responses to NRC's request for additional information were provided by Vermont Yankee in References (d), (e), and (f).

In Reference (g), NRC transmitted to Vermont Yankee a summary report from Battelle Pacific Northwest Laboratories (PNL) concerning the remaining open issues regarding FROSSTEY-2 code review. Following receipt of Reference (g), a telephone conference was conducted between Vermont Yankee, NRC, and PNL on February 24, 1992 to discuss a plan for resolution of the concerns provided in Reference (g).

As a result of the February 24, 1992 telecon, a four-part strategy for FROSSTEY-2 code review completion was established. This strategy is as follows: 1) Vermont Yankee will submit responses to remaining LOCA-related concerns in March, 1992; 2) a meeting will then be held at NRC headquarters between Vermont Yankee, NRC, and PNL to discuss resolution of remaining open issues (this meeting is now tentatively scheduled to occur on April 7, 1992); 3) Vermont Yankee will submit responses to remaining non-LOCA-related concerns by May, 1992; and 4) NRC will complete actions in response to Vermont Yankee's request for FROSSTEY-2 code approval.

The purpose of this transmittal is to fulfill Part 1 of the above-described four-part action plan. Hence, attached as Enclosure B please find Vermont Yankee's responses to NRC's LOCA-related concerns relative to the FROSSTEY-2 fuel performance code as provided in Reference (g).

WITHHOLD ENCLOSURES
FROM PUBLIC DISCLOSURE

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PDR

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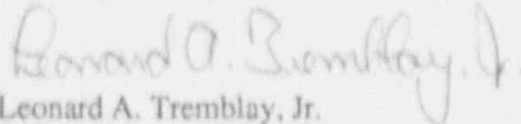
United States Nuclear Regulatory Commission
March 27, 1992
Page 2

The enclosed information is considered proprietary by Yankee Atomic Electric Company. In accordance with 10CFR2.790(b)(1), an affidavit attesting to the proprietary nature of the enclosed information is attached as Enclosure A.

We trust that this information will satisfactorily fulfill NRC expectations with regard to Part 1 of the four-part action plan. We look forward to the upcoming meeting with NRC and PNL. If you have any further questions with regard to the enclosed material, please contact this office.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION



Leonard A. Tremblay, Jr.
Senior Licensing Engineer

Enclosure A: Affidavit
Enclosure B: Proprietary Information

cc: USNRC Region I Administrator (w/o enclosures)
USNRC Resident Inspector - VYNPS (w/o enclosures)
USNRC Project Manager - VYNPS (with enclosures)
Mr. Carl Beyer, Batelle/PNL (with enclosures)

WITHHOLD ENCLOSURES
FROM PUBLIC DISCLOSURE

AFFIDAVIT PURSUANT

TO 10CFR2.790

Yankee Atomic Electric Company)
Nuclear Services Division)
Commonwealth of Massachusetts)
Worcester County) SS:

I, S. P. Schultz, depose and say that I am the Vice President of Yankee Atomic Electric Company, duly authorized to make this affidavit, and have reviewed or caused to have reviewed the information which is identified as proprietary. I am submitting this affidavit in accordance with the provisions of 10CFR2.790 of the Commission's regulations for withholding this information.

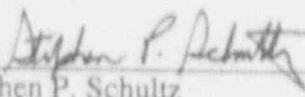
The information for which proprietary treatment is sought is contained in the enclosures to our letter, Vermont Yankee Nuclear Power Corporation to U. S. Nuclear Regulatory Commission, dated March 27, 1992.

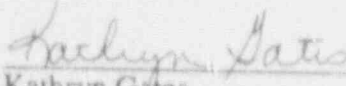
Pursuant to the provisions of Paragraph (b) (4) of Section 2.790 of the Commission's regulations, the following is furnished for consideration by the Commission in determining whether the information sought to be withheld from public disclosure, included in the above referenced document, should be withheld.

1. The material contained in this transmittal was obtained at considerable expense to Yankee Atomic Electric Company and Vermont Yankee Nuclear Power Corporation and the release of which would seriously affect our competitive position.
2. The material contained in this transmittal is of the type customarily held in confidence and not customarily disclosed to the public.
3. This information is being transmitted to the Commission in confidence under the provisions of 10CFR2.790 with the understanding that it is to be received in confidence by the Commission.
4. This information is for Commission internal use only and should not be released to persons or organizations outside the Directorate of Regulation and the ACRS without prior approval of Yankee Atomic Electric Company. Should it become necessary to release this information to such persons as part of the review procedure, please contact Yankee Atomic Electric Company.

Further deponent sayeth not.

Sworn to before me this
27th day of March, 1992


Stephen P. Schultz
Vice President


Kathryn Gates Notary Public
My Commission Expires 1/24/97

