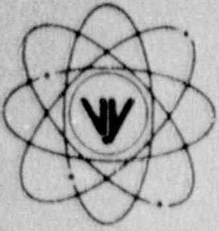


VERMONT YANKEE NUCLEAR POWER CORPORATION



Ferry Road, Brattleboro, VT 05301-7002

REPLY TO
ENGINEERING OFFICE
580 MAIN STREET
BOLTON, MA 01740
(508) 779-6711

October 6, 1989

BVY 89-91

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

- References:
- a. License No. DPR-28 (Docket No. 50-271)
 - b. Letter, YAEC to USNRC, FVY 83-4, dated January 14, 1983
 - c. Letter, YAEC to USNRC, FYR 85-48, dated April 30, 1985
 - d. Letter, YAEC to USNRC, FYR 85-121, dated November 1, 1985
 - e. Letter, YAEC to USNRC, FYR 85-72, dated July 1, 1985
 - f. Letter, YAEC to USNRC, FVY 85-122, dated December 31, 1985

Subject: Supplementary Information Regarding NRC LOCA Analyses Review Effort

Dear Sir:

The purpose of this letter is to transmit the enclosed proprietary information regarding Yankee Atomic Electric Company (YAEC) Loss of Coolant Accident (LOCA) analyses methodology for the Vermont Yankee Nuclear Power Station.

As the result of a meeting between representatives of YAEC and NRC Staff personnel at NRC offices in White Flint on September 7, 1989, followed by a telephone conference conducted between the same on September 18, 1989, YAEC agreed to provide the enclosed copies of previously transmitted LOCA-related documentation, to facilitate the NRC review effort.

Also enclosed is a summary of both the work performed by YAEC and the prior NRC Staff review of YAEC methods for Boiling Water Reactor (BWR) LOCA analyses. We request that these documents be reviewed in accordance with the schedule discussed in the above conference.

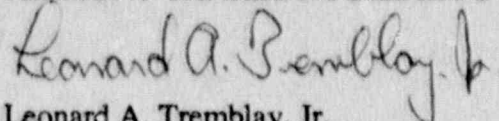
The enclosed information has been extracted from previous submittals [References (b) through (f)], and is considered proprietary. In accordance with 10CFR2.790(b)(1), an affidavit attesting to the proprietary nature of the enclosures is attached.

AP01
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We trust that you will find this submittal responsive to your request, however, should you have any questions, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION



Leonard A. Tremblay, Jr.
Senior Licensing Engineer

Enclosures

cc: USNRC Region I Administrator (w/o Enclosures)
USNRC Resident Inspector - VYNPS (w/o Enclosures)
USNRC Project Manager - VYNPS (w/ 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.

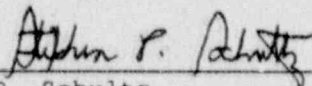
The information for which proprietary treatment is sought is contained in the enclosures to our letter, Vermont Yankee Nuclear Power Corporation to U. S. Nuclear Regulatory Commission, dated October 6, 1989.

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.

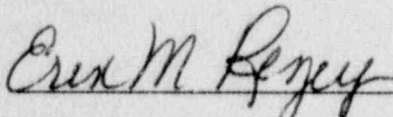
1. The material contained in this transmittal was obtained at considerable expense to Yankee Atomic Electric Company and Vermont Yankee Nuclear Power Corporation and the release of which would seriously affect our competitive position.
2. The material contained in this transmittal is of the type customarily 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
6th day of October 1989



S. P. Schultz
Vice President



Notary Public

My Commission Expires ~~201~~ Commission Expires Oct. 5, 1995