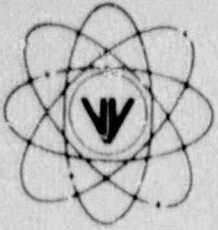


# VERMONT YANKEE NUCLEAR POWER CORPORATION



Ferry Road, Brattleboro, VT 05301-7002

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

August 28, 1990

BVY 90-087

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

References: [Listed on Page 2]

Subject: Response to Request for Additional Information on the Use of RELAP5YA

Dear Sir:

By Reference (o), USNRC approved the heat transfer correlations in the RELAP5YA program for use in best estimate Loss of Coolant Accident (LOCA) analyses. By Reference (p), Vermont Yankee provided supplementary information relating to LOCA analyses methodology for the purpose of justification for the use of the RELAP5YA program in the EM analyses of LOCA for Vermont Yankee. In Reference q, USNRC requested the subject additional information in order to complete its evaluation.

Enclosed please find our response to your request for additional information per Reference (q). The enclosed information is considered proprietary and, in accordance with 10CFR2.790(b)(1), an affidavit attesting to the proprietary nature of the enclosure is attached.

We trust that the enclosed information is responsive to your request and proves sufficient for you to complete your review; however, should additional information be required, please contact this office.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

00003  
*Leonard A. Tremblay, Jr.*

Leonard A. Tremblay, Jr.  
Senior Licensing Engineer

cc: USNRC Region I Administrator (without Enclosure)  
USNRC Resident Inspector - VYNPS (without Enclosure)  
USNRC Project Manager - VYNPS (with Enclosure)

WITHHOLD ENCLOSURE  
FROM PUBLIC DISCLOSURE

*AP01*  
*11*