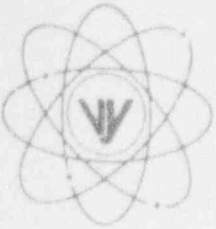


# VERMONT YANKEE NUCLEAR POWER CORPORATION



Ferry Road, Brattleboro, VT 05301-7002

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

June 1, 1993  
BVY 93-053

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

- References:
- (a) License No. DPR-28 (Docket No. 50-271)
  - (b) NRC Bulletin 92-01, Failure of Thermo-Lag 330 Fire Barrier System to Maintain Cabling in Wide Cable Trays and Small Conduits Free From Fire Damage, dated 6/24/92
  - (c) Letter, VYNPC to USNRC, BVY 92-092, dated 7/24/92
  - (d) NRC Bulletin 92-01, Supplement 1, Failure of Thermo-Lag 330 Fire Barrier to Perform its Specified Fire Endurance Function, dated 08/28/92
  - (e) Letter, P.M. Sears (USNRC) to W.P. Murphy (VYNPC), Response to NRC Bulletin 92-01, Failure of Thermo-Lag Fire Barrier System to Maintain Cabling in Wide Cable Trays and Small Conduits Free From Fire Damage, dated 9/8/92
  - (f) Letter, VYNPC to USNRC, NRC Bulletin 92-01 Supplement 1 and Response to Reference (e), dated 09/24/92
  - (g) Thermo-Lag 330-1 Fire Barriers (Generic Letter 92-08), dated 12/17/92
  - (h) Industrial Testing Laboratories Report No. 84-10-5, Engineering Report on an Ampacity Test for 600 Volt Power Cables, Three Hour Fire Rated Design, dated October 1984
  - (i) Letter, VYNPC to USNRC, BVY 93-042, NRC Generic Letter 92-08: Thermo-Lag 330 Fire Barriers, dated April 16, 1993

**Subject: Completion of Actions to Address NRC Generic Letter 92-08:  
Thermo-Lag Fire Barriers**

Dear Sir:

Reference (i) provided Vermont Yankee's responses to the concerns identified in NRC Generic Letter 92-08. In our response we stated that we were working toward eliminating all reliance on Thermo-Lag 330, provided our schedule for completion of that effort, and committed to notify NRC in writing when corrective actions were complete.

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June 1, 1993  
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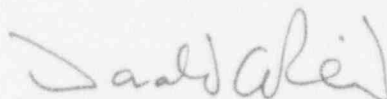
The purpose of this letter is to inform you that Vermont Yankee completed modifications on May 18, 1993. Vermont Yankee no longer relies on Thermo-Lag 330 material to achieve compliance with the requirements of 10CFR50 Appendix R. The Thermo-Lag material has been abandoned in place. Compensatory actions implemented as a result of this concern have been terminated.

Vermont Yankee understands that there is still an outstanding concern relative to ampacity derating factors applicable to Thermo-Lag installations. We continue to believe that sufficient margin exists in the cable sizing to accommodate significant increases in derating and that there is no immediate concern relative to operability of the equipment powered through the affected conduits.

Vermont Yankee will continue to monitor NUMARC efforts pertaining to the Thermo-Lag issue and take any appropriate actions as necessary.

Very truly yours,

Vermont Yankee Nuclear Power Corporation



Donald A. Reid  
Vice President, Operations

cc: USNRC Region I Administrator  
USNRC Resident Inspector - VYNPS  
USNRC Project Manager - VYNPS