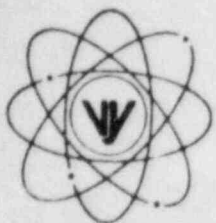


# VERMONT YANKEE NUCLEAR POWER CORPORATION



RD 5, Box 169, Ferry Road, Brattleboro, VT 05301

FVY 84-78

REPLY TO:  
**ENGINEERING OFFICE**  
1671 WORCESTER ROAD  
FRAMINGHAM, MASSACHUSETTS 01701  
TELEPHONE 617-872-8100

July 6, 1984

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Office of Nuclear Reactor Regulation  
Mr. Domenic B. Vassallo, Chief  
Operating Reactors Branch No. 2  
Division of Licensing

References: a) License No. DPR-28 (Docket No. 50-271)  
b) Letter, VYNPC to USNRC, FVY 84-22, dated 3/13/84  
c) Letter, USNRC to All BWR Licensees, dated  
4/19/84 (Generic Letter 84-11)

Dear Sir:

Subject: Vermont Yankee Weld Joint Inspection Program

By letter dated March 13, 1984 [Reference b)], we provided you with our program for inspection of the Recirculation System and other Reactor Coolant Boundary Piping Systems during our 1984 refueling outage. During subsequent conference calls, members of your staff requested additional information regarding our plans for inspecting previously uninspected weld joints.

Specifically, your staff requested that we provide, by pipe size, the number of previously uninspected weld joints which are being inspected during our 1984 refueling outage. These numbers are as follows:

<u>Pipe Size</u>	<u>Number of Welds Being Inspected</u>
20"	4
22"	4
24"	4
28"	5

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For each of the pipe sizes, the quantity of welds represents at least a 20 percent sample by pipe size of the total uninspected weld population (minimum of 4 welds), consistent with the criteria of Generic Letter 84-11. If necessary, the sample will be expanded to include an equivalent quantity of previously uninspected welds in each pipe size found to contain Intergranular Stress Corrosion Cracking.

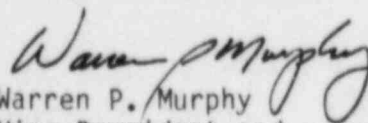
We also want to inform you that we now intend to inspect all weld overlays which had previous base-metal indications longer than 10% of the circumference, consistent with the requirements of Reference c). This will expand our overlay inspection program from 12 to 17, and will include the remaining sweepolet-to-riser welds.

In addition, your staff has requested confirmation that we are planning to replace the Reactor Recirculation and Residual Heat Removal System stainless steel piping in 1985. This is to reaffirm our intent to accomplish this replacement beginning in September 1985.

If you need any further information, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

  
Warren P. Murphy  
Vice President and  
Manager of Operations

WPM/dm