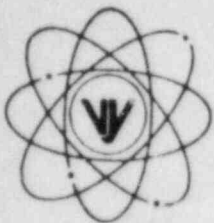


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

FVY 85-12

REPLY TO:

ENGINEERING OFFICE

1671 WORCESTER ROAD
FRAMINGHAM, MASSACHUSETTS 01701
TELEPHONE 617-872-8100

February 1, 1985

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 82-04, dated 1/19/82
c) Letter, VYNPC to USNRC, FVY 83-51, dated 6/6/83
d) Letter, VYNPC to USNRC, FVY 84-14, dated 2/28/84

Dear Sir:

Subject: Vermont Yankee Scram System Design - Hydraulic
Control Unit Support Modification Installation

By letter dated February 28, 1984 [Reference d)], we informed you that the results of our additional analysis of the Vermont Yankee Scram System determined that the associated Hydraulic Control Units (HCU's) supports required modification to bring their frequency response in line with the assumptions made in our original analysis and FSAR criteria for structural integrity. In accordance with our commitment to install these modifications by the end of 1984, we herein notify you that the HCU support modifications have been installed.

In our letter of June 6, 1983 [Reference c)], we stated that the scram discharge volumes, new instrument volumes, instrumentation, associated piping and valves were installed seismically; however, the seismicity of the total system could not be analytically verified until the HCU structure was either sufficiently stiffened or its flexibility properly accounted for in our analyses. During the integrated closeout review, we have determined that additional modifications to the insert and withdrawal line pipe supports are necessary.

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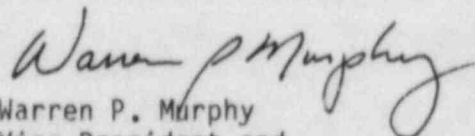
Based on the analysis contained in NUREG 0803 and our evaluation which verified the NUREG's applicability to Vermont Yankee [Reference b)], we believe that operation of the plant, while additional modifications to our insert and withdrawal line pipe supports are made, is justified. Our position is based on the fact that the potential consequences of leakage from the Scram Discharge System were thoroughly analyzed in NUREG 0803 and found not to be a matter of safety concern.

Our present schedule calls for completing the required designs by July of this year. We would anticipate making any required modifications during operation, if possible, or no later than the end of the 1985/86 outage.

Should you have any questions or require additional information in this matter, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION



Warren P. Murphy
Vice President and
Manager of Operations

WPM/dm