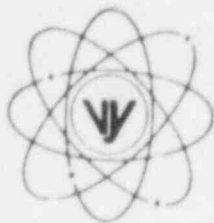


# VERMONT YANKEE NUCLEAR POWER CORPORATION



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

2.C.2.1  
FVY 82-98

REPLY TO:

ENGINEERING OFFICE

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

September 7, 1982

United States 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, USNRC to All Power Reactors, dated August 8, 1979  
(c) Letter, VYNPC to USNRC, WVY 80-44, dated March 17, 1980

Subject: Adequacy of Station Electric Distribution System Voltage

Dear Sir:

The purpose of this letter is to provide additional information and clarification as requested in a phone conversation held on August 31, 1982 between R. Prevatte of the NRC and P. R. Johnson of YAEC.

1. Question: What are the new tap settings referred to in Reference (c)?

Response: The new tap settings are:

Transformers 3A and 3B - 115 kV tap  
Transformers 8 and 9 - 4056 volt tap.

These tap settings were provided in YAEC Report #1205,  
"Auxiliary Power System Voltage Study for Vermont Yankee  
Nuclear Power Station".

2. Question: Are the taps changed periodically when the plant changes from the closed cycle cooling mode to the open cycle cooling mode?

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United States Nuclear Regulatory Commission  
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September 7, 1982  
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Response: No. Reference (3) may have been misleading on this point. In 1980, Vermont Yankee was required to complete the tap changes before operation in the closed cycle cooling mode, but the tap changes were permanent. Cases 4A, 4B, 4C, and 4D of YARC Report #1205 demonstrate that adequate voltage exists at safety loads with the new tap settings.

We trust that this information is satisfactory; however, should you have any questions, please do not hesitate to contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

*J. B. Sinclair*  
J. B. Sinclair  
Licensing Engineer

JBS:dd