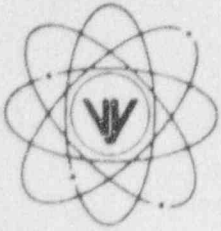


VERMONT YANKEE NUCLEAR POWER CORPORATION



Ferry Road, Brattleboro, VT 05301-7002

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

April 18, 1996
BVY 96-52

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

References: (a) License No. DPR-28 (Docket No. 50-271)

Subject: Vermont Yankee Implementation of the EPRI Performance Prediction Method

The purpose of this letter is to inform the NRC of Vermont Yankee's implementation plans for two issues discussed at the recent motor-operated valve (MOV) program inspection exit meeting related to final closure of our MOV program. The two issues are evaluation of non-dynamically tested MOVs and implementation of the Electric Power Research Institute (EPRI) Performance Prediction Method (PPM) for evaluating MOVs.

Vermont Yankee will complete evaluation of non-dynamically tested MOVs in accordance with attachment 6 of Vermont Yankee's "Engineering Guideline for Evaluation of Motor-Operated Valve Design Basis Capability" by July 1, 1996.

Vermont Yankee is currently reviewing the Safety Evaluation Report for the EPRI PPM issued on March 15, 1996 for inclusion in our MOV program. This review will be completed within 6 months of issuance of the SER.

Vermont Yankee will evaluate a number of MOVs using the EPRI PPM. In selecting the valves to be evaluated, Vermont Yankee considered valves identified by the Individual Plant Examination (IPE) as having a risk significance of "high" and the valves identified in Generic Letter 89-10, Supplement #3. Of the nineteen applicable IPE valves, fifteen will be dynamically tested by the end of 1996 and therefore need not be evaluated. Of the four remaining valves, two have considerable margin on the lowest setting and are therefore inappropriate for either dynamic testing or PPM evaluation. Therefore, two IPE valves (V13-21 and V23-21) and the six valves identified in Generic Letter 89-10, Supplement #3 will be evaluated using the PPM.

Vermont Yankee plans to complete the evaluations of these eight MOVs by the end of 1996. This time is necessary for Vermont Yankee to complete PPM training and perform the PPM evaluations, while also performing scheduled MOV maintenance and testing activities and 1996

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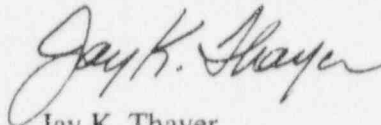
refueling outage work. Vermont Yankee plans to implement the EPRI PPM for the remaining applicable MOVs in 1997.

As the NRC requested at the MOV program inspection exit meeting, we will submit an updated MOV program closure letter on or before May 10, 1996.

We trust that the information provided is acceptable; however, should you have any questions, please contact this office.

Sincerely,

VERMONT YANKEE NUCLEAR POWER CORPORATION

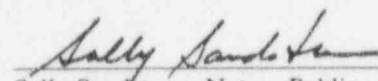
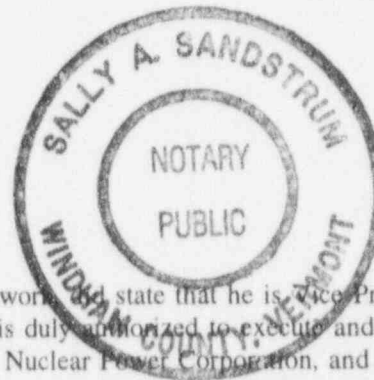


Jay K. Thayer
Vice President, Engineering

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

STATE OF VERMONT)
)ss
WINDHAM COUNTY)

Then personally appeared before me, Jay K. Thayer, who, being duly sworn, state that he is Vice President-Engineering, of Vermont Yankee Nuclear Power Corporation, that he is duly authorized to execute and file the foregoing document in the name and on the behalf of Vermont Yankee Nuclear Power Corporation, and that the statements therein are true to the best of his knowledge and belief.


Sally Sandstrum, Notary Public
My Commission Expires February 10, 1999