



VERMONT YANKEE NUCLEAR POWER CORPORATION

SEVENTY SEVEN GROVE STREET

RUTLAND, VERMONT 05701

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FVY 82-74

June 22, 1982

REPLY TO:

ENGINEERING OFFICE

1671 WORCESTER ROAD

FRAMINGHAM, MASSACHUSETTS 01701

TELEPHONE 617-872-8100

United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Office of Nuclear Reactor Regulation
Mr. Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

References: (a) License No. DPR-28 (Docket No. 50-271)
(b) Letter, USNRC to VYNPC, dated May 3, 1982

Subject: Operation of Purge and Vent Valves Under Inerted Conditions

Dear Sir:

Reference (b) informed us that our proposed method of operation of purge and vent valves under inerted conditions was conditionally accepted. You stated that you have information from the valve manufacturer, that valve SB-16-19-9 was in a non-approved orientation and, as a result, may experience high torques under LOCA flow conditions. We have since corrected this condition by re-orienting this valve to an approved orientation. Additionally, valve SB-16-19-8 was found to be in questionable configuration and was also re-oriented to an approved orientation. It should be noted that prior to re-orienting these valves, they were administratively maintained closed, and thus, the potential for experiencing high torques was kept to an absolute minimum.

Reference (b) also requested Vermont Yankee to provide an estimated maximum number of hours per year that we expect to purge (or vent), as well as the estimated amount of radioactivity release during the time required to close the purge and vent valves following a LOCA. It is presently estimated that this radiological analysis will be complete by August 1, 1982. We believe it is only prudent that we base our estimated purge (or vent) time on the results of this analysis. Until such time as this issue of "allowable hours per year," is resolved. Vermont Yankee will continue to administratively insure that the purge and vent valves are normally maintained in a closed position unless allowed to be open per the Station Technical Specifications.

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

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

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

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