VERMONT YANKEE
NUCLEAR POWER CORPORATION

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

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

April 20, 1984
FVY 84-37

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, VYNPC to USNRC, WVY 80-170, dated December 15, 1980
(c) Letter, VYNPC to USNRC, FVY 81-150, dated October 28, 1981
(d) Letter, VYNPC to USNRC, FVY 82-01, dated January 5, 1982

Subject: NUREG-0737, Item II.D.3, Valve Position Indication

Dear Sir:

By Reference (b), we informed you that positive valve position indication would be installed on all safety and safety/relief valves at our facility, consistent with the criteria of NUREG-0737, Item II.D.3. By References (c) and (d), we informed you that we were pursuing environmental qualification documentation from the manufacturer's of the associated safety valve accoustic accelerometers and safety/relief valve pressure switches. The purpose of this letter is to update you with respect to our plans and schedules for addressing the environmental qualification concerns associated with this equipment.

As discussed in Reference (b), a qualification testing program for our installed B&W Accoustic Accelerometer System was being conducted at Wyle Laboratories. However, we have since decided to replace the B&W charge converter with a counterpart manufactured by another vendor (TEC). We have received a test report from TEC which indicates that following the installation of the new charge converter, the entire existing Accoustic Accelerometer System design will be environmentally qualified. The charge converter is scheduled to be replaced during our 1984 refueling outage.

With respect to the pressure switches for the safety/relief valves, we informed you via Reference (b) that we were awaiting delivery of qualified pressure switches from General Electric Company. We received the pressure switches and performed an evaluation of the maintenance and surveillance procedures associated with these switches. The results indicate that installation of these switches consistent with the GE tested configuration

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would make surveillance and maintenance of the switches extremely difficult. Therefore, we have decided to replace the existing pressure switches with qualified counterparts manufactured by SOR, Inc. Qualification documentation for these pressure switches has been received from the vendor. The new pressure switches are scheduled to be installed during our 1984 refueling outage.

We trust that this information is deemed acceptable; however, should you have any questions regarding this matter, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

J. B. Sinclair

J. B. Sinclair
Licensing Engineer

JBS/gmd