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VERMONT YANKEE NUCLEAR POWER CORPORATION

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RUTLAND, VERMONT 05701

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WVY 80-121

REPLY TO:
ENGINEERING OFFICE

TURNPIKE ROAD
WESTBORO, MASSACHUSETTS 01581
TELEPHONE 617-366-9011

August 29, 1980

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Attention: Mr. Boyce H. Grier, Director

References: (a) License No. DPR-28 (Docket No. 50-271)
(b) USNRC Letter to VYNPC dated June 27, 1980;
IE Bulletin 80-16

Subject: Response to IE Bulletin 80-16

Dear Sir:

This letter is in response to Reference (b) above, concerning the potential misapplication of Rosemount Inc. Model 1151 and 1152 pressure transmitters with either "A" or "D" output codes.

Subsequent to our July 25, 1980 letter, we have determined that we will be installing Rosemount Model 1152D transmitters on a temporary basis.

Rosemount has informed us that they will not be able to provide us with our preferred model 1153 transmitters until June 1981. For this particular application, the model 1153 transmitters are preferred because they meet the NUREG 0578 requirements for this application. In order for us to meet the January 1, 1981 deadline for installation of short-term TMI items, we will use model 1152D transmitters until we receive the model 1153 units.

The model 1152D transmitters can produce an erroneous signal whenever they are overstressed to 140% of their manufactured range. Our two applications of these transmitters are for the measurement of torus water level and containment pressure. The torus is approximately twenty-eight feet in diameter and the instrument taps on the torus are located vertically seventeen and a half feet apart. The water level measurement transmitters will function properly with an applied differential of eighty-seven feet of water. The application of the containment pressure transmitter meets the NUREG-0578 criterion of measuring four times the containment design pressure. The unit will function properly with a pressure equal to seven times containment design pressure.

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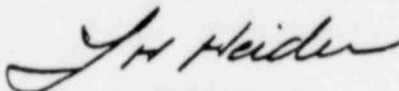
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Page Two

Therefore, we conclude that in our application the Rosemount model 1152D transmitters will not be subjected to the over range conditions described in Reference (b).

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

A handwritten signature in cursive script, appearing to read "L. H. Heider".

L. H. Heider
Vice President