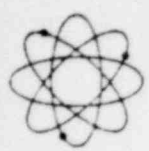


CENTRAL FILES



VERMONT YANKEE NUCLEAR POWER CORPORATION

SEVENTY SEVEN GROVE STREET

B.4.2.1
WVY 79-128

RUTLAND, VERMONT 05701

October 30, 1979

REPLY TO:
ENGINEERING OFFICE
TURNPIKE ROAD
WESTBORO, MASSACHUSETTS 01581
TELEPHONE 617-366-9011

United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Attention: Office of Inspection and Enforcement
Mr. Boyce H. Grier, Director

References: (1) License No. DPR-28 (Docket No. 50-271)
(2) USNRC Letter to VYNPC dated September 27, 1979

Dear Sir:

Subject: Response to IE Bulletin 79-24; Frozen Lines

Reference (2) requested that all licensees review their plants to determine that adequate protective measures have been taken to assure that safety-related process, instrument, and sampling lines do not freeze during extremely cold weather.

We have performed the required review of our facility and conclude that adequate protective measures have previously been taken to assure that safety-related process, instrument and sampling lines do not freeze during extremely cold weather.

Although we found no evidence at all of frozen lines associated with the High Pressure Coolant Injection System (HPCI), we have previously experienced cold weather difficulties at our intake structure, cooling tower deep basin, external fire protection system, exposed Reactor Building ventilation valves, diesel generator rooms, and fuel oil transfer pumps. Each of these areas has been satisfactorily resolved during the seven years of operation of our facility. As a result of our protective measures, Vermont Yankee experienced no operational difficulties during a record breaking cold weather period in February 1979 when local temperatures remained below 0°F at night and never rose above 15.6°F during the daytime for nine consecutive days.

We trust that you find this information satisfactory; however, if you should require additional information, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

D. E. Moody
Manager of Operations

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RJW/dmp

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