



# VERMONT YANKEE NUCLEAR POWER CORPORATION

SEVENTY SEVEN GROVE STREET

RUTLAND, VERMONT 05701

VYV 2785

REPLY TO:

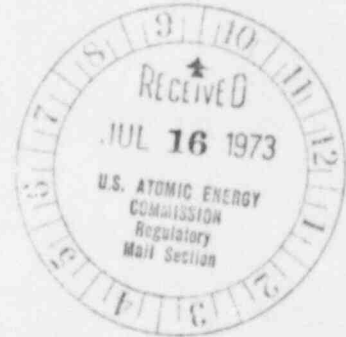
P. O. BOX 157

VERNON, VERMONT 05354

July 10, 1973

Director  
Directorate of Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545

REFERENCE: Operating License DPR-28  
Docket No. 50-271  
Abnormal Occurrence No. AO-73-20



Dear Sir:

As defined by Technical Specifications for the Vermont Yankee Nuclear Power Station, Section 6.7.B.1, we are reporting the following Abnormal Occurrence as AO-73-20.

At 0800 on July 6, 1973, while purging the drywell via RTF-5, V16-19-4, and V16-19-7A, the Drywell Purging and Vent Exhaust Valve V16-19-7A would not close. The inoperability of Valve V16-19-7A exceeds the Limiting Conditions for Operation as defined by Section 3.7.A.2 of Technical Specifications. The subject section states that Primary Containment Integrity shall be maintained at all times when the reactor is critical or when the reactor water temperature is above 212°F and fuel is in the reactor vessel. The reactor was shutdown and cooling down at the time of the incident. Reactor temperature was 300°F and reactor pressure was 50 psig.

7/17  
JR  
JK  
JB  
Downstream valve V16-19-4 was shut and RTF-5 was secured immediately. The valve operator was removed. The valve was manually actuated and found to be binding internally at the lower bushing.

The Plant Operations Review Committee reviewed this incident and recommended that the mechanical binding be investigated and the valve overhauled during a future shutdown. At present, the valve is deactivated in the closed position and will not be used when primary containment integrity is required.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

*B.W. Riley*  
B.W. Riley  
Plant Superintendent

50-271  
inquiry  
5443

8312060061 730710  
PDR ADGCK 05000271  
S PDR

BWR/lk

COPY SENT REGION *I*