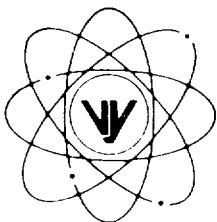


# VERMONT YANKEE NUCLEAR POWER CORPORATION



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April 17, 2001  
BVY 01-35

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Center  
Washington, D.C. 20555

**Subject: Vermont Yankee Nuclear Power Station  
License No. DPR-28 (Docket No. 50-271)  
Post-Accident Stack Noble Gas Effluent Instrument Out of Service Greater Than 7 Days**

The Stack Noble Gas Effluent Instrumentation for Post-Accident Monitoring was declared out of service on April 7, 2001. The Victoreen Model #946A Wide Range Area Monitoring Instrumentation was declared out of service by due to a communications error reported by the monitoring instrumentation. Local sampling capability for Noble Gas Effluent is available via a routine Chemistry sample point and a Post Accident sample point.

Vermont Yankee Technical Specification Table 3.2.6 Note 7 indicates that:

“From and after the date that this parameter is unavailable by Control Room indication, within 72 hours ensure that local sampling capability is available. If the Control Room indication is not restored within 7 days, prepare and submit a special report to the NRC within 14 days following the event, outlining the action taken, the cause of the inoperability, and the plans and schedule for restoring the system to operable status.”

The apparent cause for the instrument inoperability appears to be a communication problem between the control unit and the detector based on initial evaluations by the Instrumentation and Controls Department. The Instrumentation and Controls Department will be replacing communications boards as needed to effect repair. It is expected that the problem will be identified, repaired, calibrated (as appropriate) and returned to service by May 27, 2001.

This letter is submitted to satisfy the Technical Specification special reporting requirement for Post-Accident Instrumentation. We trust that you will find this submittal satisfactory. However, should you desire additional information, please feel free to contact John J Geyster, Radiation Protection Manager at (802) 258-5471.

Sincerely,

Vermont Yankee Nuclear Power Corporation

Kevin H. Bronson  
Plant Manager

cc: USNRC Region 1 Administrator  
USNRC Resident Inspector – VYNPS  
USNRC Project Manager – VYNPS  
Vermont Department of Public Services  
Brain McDermott – USNRC Senior Resident Inspector  
Mike Balduzzi – VP Operations

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