



December 9, 2002
BVY 02-96

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

**Subject: Vermont Yankee Nuclear Power Station
License No. DPR-28 (Docket No. 50-271)
Special Report – Hydrogen/Oxygen Monitor Out of Service**

In accordance with Vermont Yankee's Technical Specifications (TS), Table 3.2.6, this letter is submitted because one of the Containment Hydrogen/Oxygen (H₂O₂) monitors was out of service for greater than 30 days.

On October 27, 2002, the "B" H₂O₂ monitor was declared inoperable. Troubleshooting determined that a worn seat on a pressure regulator and subsequently a flow switch in the unit required replacement. Spare parts were ordered, and the necessary repairs and testing were completed. TS Table 3.2.6 requires a report be filed with the Commission if one of these monitors is out of service for greater than 30 days. The "B" H₂O₂ monitor was returned to service on December 5, 2002, thus exceeding the 30 days specified.

The redundant "A" H₂O₂ monitor was functioning properly and providing monitoring capability for these parameters during this period. Additionally, sampling capability exists to measure these parameters if the need were to arise.

If you have any questions concerning this transmittal, please contact Mr. Jeffrey T. Meyer at (802) 258-4105.

Sincerely,

Gautam Sen
Manager, Licensing

cc: USNRC Region I Administrator
USNRC Resident Inspector – VYNPS
USNRC Project Manager – VYNPS
Vermont Department of Public Service

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