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August 25, 2008
BVY 08-060

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Reference: (1) Letter, VYNPC to USNRC, "Technical Specification Proposed Change No. 254, Supplement 1 Definition of 'Operable'," BVY 02-81 dated October 9, 2002.

**Subject: Vermont Yankee Nuclear Power Station
License No. DPR-28, (Docket No. 50-271)
Revision of Technical Specification Bases Page 220**

Dear Sir or Madam,

This letter provides a revised Vermont Yankee Technical Specification (TS) Bases page 220.

A review of the TS Bases page 220 revealed an error in the information describing the 480 V Uninterruptible Power System (UPS) in that a separate battery charger for the UPS does not exist.

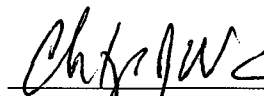
TS Bases page 220 has been revised in accordance with the Vermont Yankee Bases Control Program, which is contained in TS section 6.7.E.

This submittal is for your information and to supply a corrected page to restore the proper wording. A marked up copy of the page is also provided to clearly show the change.

There are no new regulatory commitments made in this letter.

If you have any questions on this transmittal, please contact Mr. David Mannai at (802) 451-3304.

Sincerely,

 *Ted A. Sullivan* for TAS 8/25/08

Ted A. Sullivan
Site Vice President
Vermont Yankee Nuclear Power Station

Attachment (2 pages)
cc listing (next page)

A001
NUR

cc: Mr. Samuel J. Collins
Regional Administrator, Region 1
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Mr. David O'Brien, Commissioner
VT Department of Public Service
112 State Street – Drawer 20
Montpelier, Vermont 05620-2601

BASES:3.10 AUXILIARY ELECTRIC POWER SYSTEMS

- A. The objective of this Specification is to assure that adequate power will be available to operate the emergency safeguards equipment. Adequate power can be provided by any one of the following sources: an immediate access source through both startup transformers, backfeed through the main transformer, or either of the two diesel generators. The backfeed through the main transformer is a delayed access off-site power source. The delayed access source is made available by opening the generator no load disconnect switch and establishing a feed from the 345 kV switchyard through the main generator step up transformer and unit auxiliary transformer to the 4.16 kV buses. The delayed access source is available within an hour of loss of main generator capability to assure that fuel design limits and design conditions of the reactor coolant pressure boundary are not exceeded.

Electric power can be supplied from the off-site transmission network to the on-site Emergency Safeguards Electric Power Distribution System by two independent sources, one immediate access and one delayed access, designed and located so as to minimize to the extent practicable the likelihood of their simultaneous failure under operating and postulated accident and environmental conditions. An additional off-site source, a 4160 V tie line to Vernon Hydroelectric Station, can supply either 4160 V emergency bus. It is used to meet station blackout and Appendix R licensing requirements.

Off-site power is supplied to the 345 kV switchyard from the transmission network by three transmission lines. A 400 MVA autotransformer is connected between the 345 kV north bus and the 115 kV bus. The autotransformer is the normal source for the 115 kV bus and the station startup transformers. The autotransformer also feeds the 115 kV transmission line to Keene.

The immediate access source is supplied from the 345 kV Transmission System through the 345 kV/115 kV autotransformer. It feeds the on-site Electric Power Distribution System through the two 115 kV to 4.16 kV startup transformers and is available within seconds following a design basis accident to assure that core cooling, containment integrity and other vital functions are maintained. An alternate immediate access source through the Keene line may be made available. Its availability is dependent on its preloading which must be limited by system dispatchers prior to it being declared an immediate access source.

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A qualified source consists of all breakers, transformers, switches, interrupting devices, cabling, controls and circuit paths (including feeder breakers to both 4160 V emergency buses) required to transmit adequate power from the off-site transmission network to the on-site Emergency Safeguards Buses 3 and 4.

Two 480 V Uninterruptible Power Systems supply power to the LPCIS valves via designated Motor Control Centers. The 480 V Uninterruptible Power Systems are redundant and independent of any on-site ac power sources. A 480 V Uninterruptible Power System consists of a battery, ~~associated battery charger~~ and a motor generator unit. DELETE

This Specification assures that at least two off-site and two on-site power sources, and both 480 V Uninterruptible Power Systems will be available before the reactor is made critical. In addition to assuring power source availability, all of the associated switchgear must be operable as specified to assure that the emergency cooling equipment can be operated, if required, from the power sources.

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