

MAY 25 1988

Docket No. 50-271

Vermont Yankee Nuclear Power Corporation  
ATTN: Mr. Warren P. Murphy  
Vice President and Manager  
of Operations  
RD 5, Box 169  
Ferry Road  
Brattleboro, Vermont 05301

Gentlemen:

Subject: Request for a Cost Estimate from Vermont Yankee Nuclear Power Corporation (VYNPC) for the Installation of Additional Circuitry at the Vermont Yankee Power Plant EOF and Permission to Use Site and Company Property for Contingency Telecommunications

In the event of an emergency at a nuclear station, the NRC would request the Boise Interagency Fire Center (BIFC) to be dispatched to the site with radio equipment for promptly establishing an off-site communications network between the Emergency Operations Facility and the Federal off-site monitoring team. To accomplish this goal, the NRC had a communications survey conducted by BIFC for each site nationwide. This survey identified the requirements for emergency radio-communication and any pre-installed equipment that would be necessary. The communications survey was conducted at the Vermont Yankee Power Plant facilities by an NRC contractor representative on approximately June 25, 1987.

Based on this survey, NRC Region I is now initiating arrangements for the installation of contingency emergency telecommunications equipment at the Vermont Yankee facilities. We are seeking your cooperation and assistance in establishing this capability. Your assistance is requested to obtain (1) a cost estimate for the installation of additional telephone circuits in the Emergency Operations Facility (EOF), and (2) permission for the NRC to install temporary antennas during emergencies, or as described below. The circuits and antenna locations are essential elements of our emergency telecommunications plan for Vermont Yankee. It should be noted that communications equipment, other than the additional telephone circuits necessary to support them, will only be installed at the communications sites in the event of an actual emergency or NRC participation drill and will be removed immediately at the termination of the emergency or drill.

We are seeking a VYNPC cost estimate for labor and material to permanently establish three twin-lead voice quality d-c control pairs from the NRC room in the EOF to the roof of the EOF. The lines should be terminated at both ends with WE-724 connectors and should be marked for "NRC Emergency Use Only." The roof terminations should be housed in a weather proof box. These lines will allow installation of the base station equipment required to establish communications from the EOF to the NRC repeater system. The WE-724 connectors will be supplied by the NRC.

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We are also seeking VYNPC long term permission for the following, if it should become necessary, reserve the two-hundred-eighty foot level of the met tower for use by the NRC for the temporary installation of antennas and repeater packages in case of emergency.

If you agree to our request please indicate in your reply if the wiring installation for the EOF will be performed by VYNPC and if not, please provide a listing of preference for sub-contractors. Following receipt of your estimate, NRC, Region I will issue the necessary purchase order. Work should not commence prior to receipt of the purchase order.

If you have any questions regarding the above, please feel free to contact Robert J. Summers (215) 337-5083 of my staff.

Enclosed for your information are the frequencies that the NRC equipment may use at the Vermont Yankee site. We appreciate your assistance in this matter.

Sincerely,

Original Signed By:  
Ronald R. Bellamy

Thomas T. Martin, Director  
Division of Radiation Safety  
and Safeguards

Enclosure: Transmitter Frequencies

cc w/encl:

- K. Perkins, AEOD
- S. Cohen, TB
- D. Herman, Boise Interagency Fire Center  
3905 Vista Ave., Boise, Idaho 83705
- Public Document Room (PDR)
- Local Public Document Room (LPDR)
- Nuclear Safety Information Center (NSIC)
- NRC Senior Resident Inspector
- T. McCarthy, Emergency Preparedness, Vermont Yankee

bcc:

Region I Docket Room (with concurrences)

*RJS*  
RI:DRSS  
Tuccinardi/k1/ms/sh  
*SUMMERS*  
5/19/88

*A*  
RI:DRSS  
Fox  
5/23/88

*DL*  
RI:DRSS  
Lazarus  
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ENCLOSURE

The frequencies that the NRC equipment may use at each site are as follows:

EOF

Transmit

417.300  
417.350  
417.500  
417.800

Met tower

Transmit	Receive	Transmit	Receive
168.400	166.6125	411.750	417.300
167.100	169.750	411.925	417.350
169.350	166.725	412.150	417.500
		412.200	417.800

All power levels will be at 6 watts or less.

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