

## **Exhibit #16**

### **R.F. EMISSION COMPLIANCE STATEMENT**

Vermont Public Radio  
BNPFT20030828ALE  
Channel 227 – 0.01 kW H & V  
Rupert, Vermont  
February 2007

The proposed one-bay, circularly polarized antenna will be energized such that it produces 0.01 KW effective radiated power from a center of radiation 14 meters above ground. Using the "FM Model" program v2.10b originally developed by the E.P.A. for predicting ground level power density due to FM antenna systems, the predicted level of RF non-ionization emissions at a position 2 meters above ground (head-height) at the base of the tower was determined for the proposed 1-bay Shively 6812 (Type #6) antenna is 1.42 microwatts per square centimeter, which is 0.142 percent of the maximum for a controlled area and 0.71 percent of maximum for an uncontrolled area.

Since the predicted level of emissions is less than 1% of maximum, no further calculations were deemed necessary.

The applicant will protect workers on the tower by either reducing ERP of terminating transmission.

Consequently, it appears that the proposed FM station will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.