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EXHIBIT 22 - RF FIELD DENSITY ANALYSIS

**APPLICATION FOR NEW NCE FM
212A - COLEBROOK, NH**

The proposed operation on channel 212A in Colebrook, NH will be located on an existing tower.

The antenna will be a Shively 6812-2R two bay, full wave spaced with the center of radiation at 15 meters AGL and will operate with an ERP of 0.125 kW H & V.

The calculated (F.C.C. FMMODEL) RF field density at 2 meters AGL from the proposed operation is $6.4 \mu\text{W}/\text{cm}^2$ at 8.6 meters from the base of the tower or 3.2% of the maximum uncontrolled exposure level of $200 \mu\text{W}/\text{cm}^2$. The tower is on the grounds of the Colebrook landfill, property owned by the town of Colebrook, and is gated to prevent unauthorized access.