

EXHIBIT #E5

R.F. RADIATION COMPLIANCE STATEMENT

Jackson Radio Company, L.L.C.
Jackson, New Hampshire

Channel 258 – 4.65 kW

August 2001

Jackson Radio Company, L.L.C. proposes to construct an 18.3 meter tall self-supporting tower. The applicant will install a fence 25' from the base of the tower to restrict access by the general public. A Shively, Model 6813, 4 bay, $\frac{1}{2}$ wavelength spaced antenna with a maximum ERP of 4.65 kW will be installed at a height of 15.2 meters above ground. Page #2 of this exhibit is a chart of the vertical elevation pattern for this antenna. There is a ski-lift platform 105 feet west and 2' below the base of the proposed tower. This lift is used during the winter and is manned by an attendant during hours of operation.

Based on the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, the proposed facility is predicted to produce a maximum R.F. non-ionization radiation level at a position six feet above the tower base (head level - based on the C.O.R. of 15.2 meters above ground minus 2 meters) of nearly zero microwatts per square centimeter. The radiation level is therefore negligible at the tower base.

The RF radiation level at a head-height position just outside the fence line is predicted to be 11.622 microwatts per square centimeter, or 5.811 percent of the maximum allowable level of 200 microwatts per square centimeter for an uncontrolled location.

At the ski-lift platform location, the maximum RF non-ionization radiation level at head-height of skiers or the attendant is 13.335 microwatts per square centimeter, or 6.67 percent of the maximum standard value for uncontrolled areas.

The applicant will protect workers on the tower by either reducing ERP or 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.