

Exhibit #E16

R.F. RADIATION COMPLIANCE STATEMENT

K203AT
Colorado College
BLFT19981203TI
Westcliffe, Colorado

Channel 203 – 0.25 kW Directional

January 2002

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 worst-case 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 9.3 meters above ground minus 2 meters) of 340.916 microwatts per square centimeter. This figure is without regard for the antenna's vertical elevation field value toward the nadir, which will cause a reduction in the predicted "worst case" calculations. 340.916 microwatts per square centimeter is 34.09 percent of the maximum standard value for the frequency in use for a controlled area. The tower is located on restricted access forest service property and is not available to the general public.

There is a mobile relay transmitter located on this tower. This antenna transmits on 49.38 MHz with a power of 316 watts at a height of 5.5 meters above ground. The maximum RF radiation level at head height is 325.15 microwatts per square centimeter, or 32.5% of the maximum for this controlled area. The two radiators together contribute 666.075 microwatts per square centimeter or 66.6 % of maximum.

Since "worst case" calculations were used and since it is well known that the actual RF power density level is considerably reduced at vertical angles toward the nadir the applicant is confident that there will be no exposure at the transmitter site greater than the maximum.

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.