

EXHIBIT 17-A

Human Exposure to Radiofrequency Electromagnetic Field & Section 106 Compliance (Environmental)

A study has been made to determine whether this proposal is in compliance with 47 C.F.R. 1.1307 of the Commission's rules and with OET Bulletin #65, dated August 1997, regarding human exposure to radio frequency radiation in the vicinity of broadcast towers. Alpine Broadcasting Corp., licensee of FM translator K224ET seeks to modify the license of K224ET (Facility ID# 36255) licensed to Kingsville, MO by relocating to a new transmit location and decreasing the effective radiated power to 205 watts circular polarization. The transmitting site is an existing tower 256 meters in overall height and is registered with FCC Antenna Structure Registration ("ASR") number 1037282. The site is located at 38° 45' 26" N ~ 94° 26' 02" W (NAD 27). No modifications to the tower are being proposed. Therefore it is believed that this proposed facility is exempt from a Section 106 review by the SHPO/THPO. K224ET will operate on Channel 225D (92.9 MHz) with 205 watts ERP directional with the antenna center of radiation at 213 meters above ground level and 225 meters HAAT.

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. The proposed FM transmit antenna is a Nicom BKG77 one bay circularly polarized directional antenna. The Nicom antenna is included in the Commission's recently revised FM Model for Windows program as a Type 2 Opposed "V" dipole. Using Type Two, the maximum calculated signal density near the tower at two meters above ground level attributable to the proposed facility is 0.084 $\mu\text{W}/\text{cm}$ at 216 meters, which is 0.042 percent of the general population/uncontrolled maximum permitted exposure limit.

The applicant will see that signs are posted in the vicinity of the pole, warning of potential radio frequency hazards at the site. The applicant will reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to access the pole for maintenance or inspection.