

## **Exhibit #16**

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

KCBX, Inc.  
K215AG  
Minor Change to  
BLFT-19830509ME

CH 215D

0.01 kW H & 0.01 V DA

The proposed antenna will be energized so that it radiates 0.01 kW in both the horizontal and vertical planes, from a height above ground of 6.1 meters. There is a 6' high fence, at a distance of 10' from the tower base. Further restriction is provided by steep terrain, limiting foot access. 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 existing facility produces 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 6.1 meters above ground minus 2 meters) of 41.762 microwatts per square centimeter ( $\mu\text{W}/\text{cm}^2$ ). 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.  $41.762 \mu\text{W}/\text{cm}^2$  is 6.42 percent of the maximum standard value for the frequency in use for this controlled area.

Since the predicted level of emissions is less than 5% of maximum, no further calculations were deemed necessary.

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 actual RF contribution of this antenna will be less than is predicted here.

The applicant will protect workers at the site by either reducing ERP or terminating transmission. An agreement is in effect with the users at this location to reduce power or to terminate operations to protect workers from receiving in excess of the Commission's standard.

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