

## **Exhibit #16**

### **R.F. EMISSIONS COMPLIANCE STATEMENT**

North Texas Public Broadcasting  
K259AQ  
Minor change to BLFT20020621AAP  
Tyler, TX

Channel 261 – 0.25 kW V & H

July 2003

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 78 meters above ground minus 2 meters) of 2.892 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. 2.892 microwatts per square centimeter is 0.2892 percent of the maximum standard value for the frequency in use for a controlled area. The antenna is to be mounted on a pole atop a building, 78 meters above ground. Access to the roof is restricted to authorized personnel by a locked door. Signs warning works of RF levels are posted. Since the predicted level of emissions is less than 1% 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 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. A sign will be posted warning workers of the antenna, with a phone number to contact someone to reduce or terminate power.

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.