

**Environmental Protection Act. - FCC Rule, Section 1.1306**

The proposed operation with an ERP of 240 Kw Average power Channel 21. Calculations to determine power density levels from the proposed operation were performed using formulas outlined in OET Bulletin 65 (Edition 97-01) based on antenna relative field factor of .1 The formula used is:

$$S = \frac{(33.4)(F^2)(\text{Average ERP})}{R^2}$$

The maximum power density levels at two meters above ground level is 11.64  $\mu\text{W}/\text{cm}^2$  computed for a radiation center of 85 meters above ground level. The maximum allowed by OET 65 bulletin is:

Occupational/Controlled Exposure	General Population
Frequency / .3	Frequency / 1.5
1,717- $\mu\text{W}/\text{cm}^2$	343 $\mu\text{W}/\text{cm}^2$

The proposed operation will be in compliance with the FCC RF radiation guidelines and areas that exceed the FCC standards will be alerted to workers by posting warning signs and restricting areas. All stations on the tower will have a mutual written agreement and procedures for workers climbing the tower. Transmitter power of each station will be reduced or terminated when workers are near areas on the tower where power density levels are in excess of the FCC standard.

There will be a security fence with a locked gate to surround the tower. Workers and the general public will not be subjected to RF radiation levels in excess of FCC OET Bulletin 65 (Edition 97-01). Authorized personnel will be alerted to areas of the tower where potential radiation levels are in excess of the FCC standard. The transmitter power will be reduced or terminated when necessary.