



## **ENVIRONMENTAL AND RADIO FREQUENCY SAFETY**

The licensee of KUTV is committed to the protection of station personnel and/or tower contractors working in the vicinity of the KUTV antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

The predicted emissions of KUTV must be considered, in addition to predicted emissions from any other proposed or existing stations at the site. For KUTV, which operates on television Channel 34 (590-596 MHz), with a maximum ERP of 423 kW from a horizontally polarized directional transmitting antenna with a centerline height of 89.9 meters above ground level (AGL), based on worst-case calculations and considering a very conservative vertical relative field factor of 0.3 pursuant to OET Bulletin 65, the proposed television facility is predicted to produce a maximum power density of only 172.37 microwatts per square centimeter at two meters above ground level. This represents only 43.60% of the FCC Guideline value of 395.33 microwatts per square centimeter for uncontrolled RFR environments, therefore KUTV is within the Guidelines. However, the station shares its site with seven other stations. As a multi-user site the firm of Hammett and Edison has been contracted to perform a site measurement survey to confirm the site will remain in compliance. Should the measurement survey show the site to not be in compliance, immediate remedial measures will be performed to insure compliance. The existing safety policies regarding work at the site will remain in place and be followed. These policies include power reduction or cessation, as necessary for a safe environment.