

**ENVIRONMENTAL AND RADIO FREQUENCY EXPOSURE STATEMENT
MEREDITH CORPORATION
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
KCTV, KANSAS CITY, MO
CH 24, 660 KW (HOR) + 245 KW (VER), 307 MTR. AGL**

The proposed KCTV digital television facility covered by this request for Special Temporary Authority (STA) will not involve any changes to the current tower location. The proposed antenna will not increase the registered overall height of the structure and, therefore, will not result in any environmental impact.

The KCTV facility, operating on channel 24 under STA, was evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the antenna is located 307 meters above ground level. The proposed operation was evaluated using Far-Field Equation (1) on page 30 of Supplement A to OET Bulletin No. 65 (August 1997). The ERP utilized in the calculations was set to the maximum ERP value of 905 kW which is the total power radiated in both the horizontal and vertical planes. The elevation-plane antenna relative field values ["F" in Equation (1)] were those published by the manufacturer for the specified antenna. The maximum calculated power density at 2 meters (6.6 feet) above ground level is 0.0036 mW/cm² which is 0.20% of the FCC's recommended limit of 1.777 mW/cm² for an occupational/controlled environment and 1.02% of 0.355 mW/cm² for general public/uncontrolled exposure.

The total contribution of all nearby, existing and the proposed facilities was also evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. Total contribution was calculated to be well within the allowable exposure limit for both workers and the general public.

Access to the transmitting tower and any radio frequency generating equipment is restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.