

Tri-County Broadcasting, Inc.
Minor Modification of Existing Construction Permit
FCC Facility ID 200920, W263DD, Lynchburg, VA
RF Radiation Statement

The applicant certifies that the instant application does not constitute a major environmental action.

The antenna proposed in the instant application is one of two transmit antennas located or proposed to be located at the proposed antenna location.

The effective radiated power of the facility proposed in the instant application is 10 watts (Horizontal and Vertical). The antenna radiation center height above ground level is 6 meters. The antenna type is a single-bay (single element) Double-V antenna. The antenna is be mounted on a building that is not occupied other than an occasional event. According to the FCC computer program, FM Model, using the parameters contained in the instant application, the maximum RF radiation figure is 25.1 microwatts per centimeter squared. This is clearly below the General Population and the Occupational standards set forth in OET Bulletin 65.

The effective radiated power of Licensed facility W283DA is 50 watts (Horizontal and Vertical). The antenna radiation center height above ground level is 8 meters. The antenna type is a single-bay (single element) Ring-Stub antenna. The antenna is be mounted on a building that is not occupied other than an occasional event. According to the FCC computer program, FM Model, using the parameters contained in the instant application, the maximum RF radiation figure is 55 microwatts per centimeter squared. This is clearly below the General Population and the Occupational standards set forth in OET Bulletin 65.

Thus the aggregate predicted RF radiation from the proposed and presently-licensed facilities is 75.1 microwatts per centimeter squared. This is clearly below the General Population and the Occupational standards set forth in OET Bulletin 65.

The applicant certifies that it will reduce power or shut down the facility to protect workers and the general public from any RF radiation exposure exceeding the statutory limits.