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Federal Communications Commission
Media Bureau
445 12th Street SW
Washington, DC 20554

Dear Sir,

This will serve as the exhibit for the RF Radiation Hazard calculation for this proposed facility.

The RF radiation near the ground (2 meters above ground) can be calculated using the OET-65 formula for broadcast television stations taking into account the following factors

S= power density in watts per square meter

P= total Effective Radiated Power from the antenna

F= field radiated on the axis to the ground level

R= distance to the ground level (actually 2 meters above ground)

Therefore, given the following data for the proposed facility:

P= 2.95 kwatts

R=Radiation center above ground level – 2 meters)
= 135 meters

F= 0.2 for VHF antennas

The RF radiation near the ground level can be calculated with the following result:

0.22 μwatts/cm^2

which is 0.11 % of the general population exposure limit of 200 μw/cm^2 for this channel 3 facility

Based upon the above information, no RF exposure hazard is evident. Since no RF hazard is evident, the transmission site requires no environmental assessment from the RF exposure point of view.

Should you have any questions regarding this information please contact me.

Sincerely,

Gregory L Best, PE

President