

## Environmental Considerations

Application for Auxilliary Facility  
Caguas Educational TV, Inc.  
WUJA-DT  
Channel 24  
Caguas, Puerto Rico

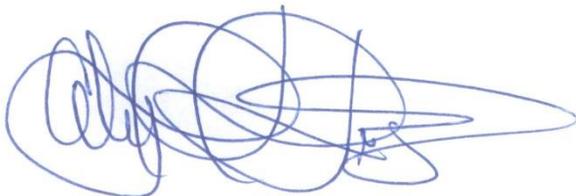
The undersigned evaluated the proposed WUJA-DT auxiliary facility for potential radiofrequency exposure to workers and the general public. Based on a radiation center at 25 meters above ground, a relative antenna field factor of 0.0152 at 67 degrees depression from horizontal, and a total ERP of 40 kW, the calculated RF exposure at two meters above ground will not exceed  $0.495 \mu\text{w}/\text{cm}^2$  or 0.139% of the  $355.33 \mu\text{w}/\text{cm}^2$  general population uncontrolled limit applicable to DTV channel 24.

Access to the transmitter site is restricted.

The tower is not located in a flood plain, a wilderness area, or a wildlife preserve that might affect threatened and endangered species or their habitat. It is not located in an Indian religious and/or cultural site. No significant changes in surface features will take place.

If workers are required to climb the tower, the WUJA-DT site emission shall be reduced or terminated as necessary to prevent RF radiation exposure above the FCC limits.

The proposed modifications will not have a significant environmental effect as described above.



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