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Technical Narrative and Environmental Considerations  
Application for Minor Change  
JB Media Group  
WXWZ-LD Facility ID: 168860  
DTV Channel 36  
Guayama, Puerto Rico

JB Media Group licensee of LPTV Station WXWZ-LD, Guayama, Puerto Rico, hereby proposes a minor modification to the WXWZ-LD presently licensed parameters. The proposal will modify the WXWZ-LD antenna system. WXWZ-LD will operate at an ERP of 15Kw horizontal, 4.5kW vertical. The proposed operation of WXWZ-LD will cause interference above 0.5% to WIMN-CD's present licensed facility, file number 0000129598J, facility ID: 2245. Carmen Cabrera Licensee of WIMN-CD has agreed to that interference to its present authorized facilities as shown in the attached interference agreement signed by the parties.

The proposed modification was evaluated for potential radiofrequency exposure to workers and the general public. Based on a radiation center at 40.0 meters above ground, a maximum relative antenna field of 0.093 between 60 and 90 degrees from horizontal and a total ERP of 19.5kW, the calculated RF exposure at two meters above ground will not exceed  $3.35\mu\text{w}/\text{cm}^2$  or 0.83% of the  $403.33\mu\text{w}/\text{cm}^2$  general population uncontrolled limit applicable to DTV channel 36.

The transmitter site is restricted from access.

The tower is not located in a flood plain, a wilderness area, or in 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.

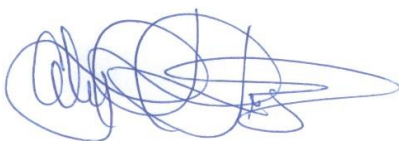
If workers are required to climb the tower the WXWZ-LD site emission shall be reduced or terminated as necessary to prevent RF radiation exposure above the FCC limits.

As described above the proposed modifications will not have a significant environmental effect.

**Protection to FCC Monitoring Station and Arecibo Observatory**

The proposed WXWZ-LD facility is located 36.1 km from the FCC monitoring station at Santa Isabel, Puerto Rico, because of the low ERP of the WXWZ-LD radiation toward the Santa Isabel monitoring station and the intervening terrain, no adverse effects to the monitoring station are expected.

According to Section 73.1030 of the FCC Rules, concurrently with the filling of this application, the Arecibo Observatory is being notified of the proposed facility.



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