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March 17, 2009

Via email ([prcz@naic.edu](mailto:prcz@naic.edu))

Dr. Bob Kerr, Director  
Reinaldo Velez, Spectrum Manager  
National Astronomy and Ionosphere Center  
Arecibo Observatory  
HC3 Box 53995  
Arecibo, PR 00612

Gentlemen:

On behalf of our client, WECN-DT, applicant for post transition digital television station on Channel 18, Naranjito, Puerto Rico, in accordance with Section 73.1030 of the FCC Rules, we hereby notify of the proposed facility. The particulars of the proposal are as follows:

Proposed Facility

Geographical coordinates of antenna location (NAD83): 18-17-26.83 / 66-16-00.61  
Antenna height: 40 m AGL; 525 m AMSL  
Antenna directivity: See attached antenna pattern data  
Antenna orientation: 0° true  
Proposed channel: 18 (494-500 MHz)  
Type of emission: 6M00D7W  
Effective isotropic radiated power: 82 kW (maximum)

WECN has been issued CP File No. BMPCDT-20080902ABN for a similar facility, which was previously coordinated with the Arecibo Observatory. This application only slightly modifies the antenna horizontal radiation pattern; no other change is proposed from the facility previously coordinated. Thus, it is believed that this modification should have no adverse effect on the National Astronomy and Ionosphere Center.

Should you find any adverse effect from this proposal, please communicate immediately via telephone (941-329-6001), email ([mailto:Grafton@dlr.com](mailto:grifton@dlr.com)), fax (941-329-6031) so appropriate action can be taken. If we do not hear from you within the next 10 days, it will be assumed you have no objection to this application.

Very truly yours,

Grafton Olivera, P.E.