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March 17, 2009

Via email (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>), 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.