

Larry H. Will, P.E.

Broadcast Engineering

1055 Powderhorn Drive
Glen Mills, PA 19342-9504

PH (610) 399-1826
FAX (610) 399-0995
E-Mail lhwil@verizon.net

NEW JERSEY PUBLIC BROADCASTING AUTHORITY

LICENSEE OF W43CH

BELVIDERE, NEW JERSEY

FAC ID# 48484

FCC FILE # BLTT-20060602AAE

APPLICATION FOR A DIGITAL FLASH CUT

ON CH 43

(MINOR CHANGE)

EXHIBIT 11

October 8, 2006

NEW JERSEY PUBLIC BROADCASTING AUTHORITY

LICENSEE OF W43CH BELVIDERE, NJ

FCC FILE # BLTT-20060602AAE

APPLICATION FOR A DIGITAL FLASH CUT ON CH 43

EXHIBIT 11

FACILITIES REQUESTED

NEW JERSEY PUBLIC BROADCASTING AUTHORITY (NJPBA), is filing this application to request authority to “flash cut” outstanding Licensed facility, BLTT-20060602AAE, W43CH, BELVIDERE, NJ, from analog to digital operation with an effective radiated power of 0.6 kW (DA), (H). No change in location is proposed.

Pursuant to FCC Public Notice, DA 05-2546 and Rules regarding digital LPTV stations, and specifically regarding flash cut applications, this office, with assistance from Techware, Inc., has completed a Longley-Rice analysis of the proposed digital operation on TV Channel 43 with an ERP of 0.6 kW, a “STRINGENT” channel filter per 74.794, and utilizing a Scala SL-8 directional antenna oriented to 45 degrees True and that study shows that no prohibited interference will occur to any authorized or pending full service and LPTV analog or digital station other than to WNJT-DT, Channel 43 as required by 74.792 and 74.793. Longley-Rice coverage studies performed for this office by Techware, Incorporated, show that interference is likely over the de-minimis amounts allowed by 73.623 and 74.793¹. The proposed interference is acceptable to NJPBA and due to the large physical separation between W43CH and WNJT-DT, the proposed digital operation of W43CH does not cause prohibited

¹ The L-R study showed the new interference to WNJT-DT to be less than 0.9%.

interference within the respective cities of License. A copy of the study results can be supplied the staff, if needed.

INTERFERENCE AGREEMENT PER 47 CFR 73.623(g)

Pursuant to FCC Rules 73.623(g), New Jersey Public Broadcasting Authority (NJPBA) hereby consents unconditionally to any caused interference that might occur between co-owned WNJT-DT, Channel 43 in Trenton, NJ (BLEDT-20030411AAE) and a proposed DTV Flash Cut for W43CH at Belvidere, NJ (BLTT-20060622AAE) as specified in the instant application. Longley-Rice coverage studies show that interference is likely over the de-minimis amounts allowed by 73.623 and 74.793. The proposed interference is acceptable to NJPBA and the instant application does not cause prohibited interference within the respective cities of License.

CONCLUSIONS

By using the FCC recognized Longley-Rice terrain model and receiver antenna directivity, we have shown that the instant proposal meets the requirements for a flash cut to digital operation on Channel 43 for all stations except co-owned WNJT-DT and we believe that this proposal for DTV operation of W43CH on Channel 43 should be GRANTED.