

**DELAWDER COMMUNICATIONS, INC.**

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**ENGINEERING REPORT**

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Cornerstown Television, Inc.

W29CO, Sharon, PA: Channel Displacement to 31 Digital

**EXHIBIT 11**

**LPTV CHANNEL DISPLACEMENT TO DIGITAL – INTERFERENCE STUDIES**

1. Cornerstown Television, Inc. ("Applicant") is the licensee of W29CO, Sharon, PA, analog channel 29. By this minor displacement application, Applicant is proposing a change to digital service with a displacement to channel 31. Since W29CO currently operates only 255 kilometers from WGTE-TV (Toledo, OH) post-transition facility on channel 29D, W29CO qualifies for displacement relief pursuant to 47 CFR Section 73.3572(a)(4)(iv).

2. Due to the proposed proximity to the US/Canadian Border and the predicted distance of the proposed 19 dBu F50,10 contour, coordination with Canada is likely required. Applicant will provide detailed studies regarding protection to Canadian TV facilities if requested by the FCC.

3. Attached as Figure 1 (for the current TV environment) and Figure 2 (for the post-transition environment) are the OET-69 study results for the proposed facility (as the referenced station) as determined on a Sun Computer using a Solaris (Unix-based) operating system and using the same OET-69 software as developed for use by the FCC. (According to the software developer, the program used herein provides identical results as the FCC's OET-69 processing program.) As demonstrated by Figures 1 and 2, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

4. The Applicant accepts any existing and future interference that may result from any primary or secondary TV station that is otherwise deemed to have status priority to the herein-proposed facility.