

EXHIBIT 12

**Modify W221DD FM Translator
Construction Permit BNPFT-20130819AAU
Channel 221D - 92.1 MHz – 0.02 kW ERP - Waukegan, IL to
Proposed Channel 223D – 92.5 MHz – 0.17 kW - Waukegan, IL**

September 30, 2015

TECHNICAL NARRATIVE

This Technical Narrative and attached exhibits were prepared on behalf of Cornerstone Community Radio, Inc. (“Cornerstone”), permittee of FM translator construction permit W221DD, Channel 221D, Facility ID No. 156555, Waukegan, Illinois.

Cornerstone herein proposes to modify W221DD construction permit BNPFT-20130819AAU by changing to second adjacent channel 92.5 MHz and relocating to an existing tower located in Winthrop Harbor, IL. The tower is associated with ASR #1007657. The proposed W221DD will operate with 170 watts ERP at 21.3 meters above ground level and 29 meters height above average terrain. The modified W221DD will be used as a fill-in translator for WGTD HD2, Channel 216A, Facility ID No. 23347, licensed to Racine, Wisconsin. Cornerstone has obtained permission to retransmit WGTD from Gateway Technical College, licensee of WGTD.

Exhibit 10 demonstrates compliance with FCC Section 74.1201(g). The proposed W221DD FCC F(50,50) 60 dBu contour is contained inside the FCC F(50,50) 60 dBu protected contour of primary station WGTD.

Exhibits 13-A is a channel study using Section 73.207 separation distances for Class A FM stations. This study is provided as a convenience for FCC staff. The channel study

indicates short spacings to five power FM stations. However, there is a substantial distance between the respective interfering contours of the proposed W298BQ facility and the protected contour of the two co-channel and the two adjacent full power FM stations. Therefore, no Section 74.1204 contour protection maps are included for WCPT-FM Channel 223B, Dekalb, IL, WMBZ Channel 223B, West Bend, WI, WCPY Channel 224A, Arlington Heights, IL and WPWX Channel 222B, Hammond, IN. Exhibit 13-B shows Section 74.1204 contour protection to third adjacent station WXRT Channel 226B, Chicago, IL.

Exhibit 13-C demonstrates compliance with Section 74.1233(a) by showing common overlap the FCC F(50,50) 60 dBu contours of the W221DD construction permit and the proposed facility of W221DD.

No interference will be created with or received from any existing translator station or low power FM (LPFM) facility.

A study has been undertaken to show the proposed W221DD facility is in compliance with the Commission's radio frequency emission limits and is attached as Exhibits 17-A, 17-B and 17-C.