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## APPLICATION FOR NEW FM TRANSLATOR FOR

### WTWN(AM) – WELLS RIVER, VERMONT

#### EXHIBIT 13

#### CONTOUR OVERLAP PROTECTION

A computerized search of the F.C.C. CDBS revealed six facilities requiring detailed study. For each of the possibly impacted facilities, the protected service contour was calculated and plotted. The pertinent interference contours from the proposed operation were also calculated and plotted. As the attached Figure 1 of the Exhibit demonstrates, no prohibited contour overlap will be generated by the proposed operation.

The six facilities studied are:

|          |                   |       |                 |
|----------|-------------------|-------|-----------------|
| WKXH(FM) | St. Johnsbury, VT | 288A  | Fac ID = 49401  |
| WNCS(FM) | Montpelier, VT    | 284C2 | Fac ID = 43655  |
| W289CH   | Barre, VT         | 289D  | Fac ID = 139449 |
| WJEN(FM) | Killington, VT    | 287C2 | Fac ID = 34609  |
| WKOL(FM) | Plattsburgh, NY   | 286C3 | Fac ID = 68692  |
| WTOS-FM  | Skowhegan, ME     | 286C  | Fac ID = 46352  |

As Figure 1 demonstrates, no prohibited contour overlap occurs with any of these facilities because:

The proposed 100 dBu f(50,10) contour does not overlap the 60 dBu f(50,50) contours of WKXH(FM), WNCS(FM), or W289CH;

The proposed 54 dBu f(50,10) contour does not overlap the 60 dBu f(50,50) contour of WJEN(FM);

The proposed 40 dBu f(50,10) contour does not overlap the 60 dBu f(50,50) contours of WKOL(FM) or WTOS-FM; and

The W289CH 100 dBu f(50,10) contour does not overlap the proposed 60 dBu f(50,50) contour.

