

**AMENDMENT  
TO A  
PENDING  
APPLICATION  
FCC FORM 301**

**BPH-20021018AAH**

**WTWR**

**Luna Pier, Michigan**

**CHANNEL 252A – 98.3 MHz**

**ERP: 3.4 kW (H&V)**

**HAAT: 134.6 meters (H&V)**

**APPLICANT: Cumulus Licensing Corp.**

**January, 2003**

**Prepared by:**



**ENGINEERING STATEMENT**  
**of**  
**Reynolds Technical Associates**  
**In Support of an**  
**Amendment to a Pending Application**  
**(BPH-20021018AAH)**  
  
**WTWR-FM**  
**Luna Pier, Michigan**  
**Channel 252A – 98.3 MHz**  
**ERP: 3.4 kW(H&V)**  
**HAAT: 134.6 m (H&V)**  
  
**January, 2003**

**General**

Cumulus Licensing Corp. (“Cumulus”), licensee of WTWR-FM, Luna Pier, Michigan, filed an application (BPH-20021018AAH) to seek a minor change to that facility. The instant amendment is to modify the antenna proposed by Cumulus in that application. Cumulus also seeks to change the consideration of WTWR’s relationship to WDFM, Defiance, Ohio, from §73.213 to §73.215.

**Exhibits Amended**

Since Cumulus is only changing the antenna, only certain exhibits require amending. The supporting structure sketch is not modified from the original application. The channel spacing study is amended simply to reflect the new spacing relationship to WDFM (§73.215 vs. §73.213). Also, since the radiation over the community of license (Luna Pier, MI) is not changing as a result of the amendment, the supplemental showing regarding coverage of the community of license (Exhibit E, Figures 4-7) are not amended.

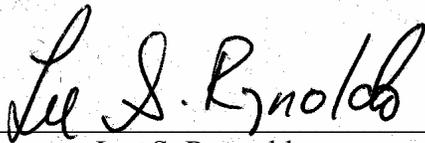
Exhibit E, Figure 10 shows the overlap study for the WDFM protected contour to the amended WTWR interfering contour. Because WDFM is a “super B” (50 kW at 152 meters HAAT), the instant amendment only protects WDFM as a maximum class B (50 kW at 150 meters HAAT). Hence, the CORAMSL shown on Exhibit E, Figure 10 is two meters below the WDFM licensed CORAMSL.

**Conclusion**

WTWR hereby amends its antenna pattern to offer protection to WDFM under §73.215.

WTWR is no longer requesting consideration under §73.213.

For Reynolds Technical Associates:

A handwritten signature in black ink, reading "Lee S. Reynolds". The signature is written in a cursive style with a horizontal line underneath it.

Lee S. Reynolds

January 30<sup>th</sup>, 2003

12585 Old Highway 280 East, Suite 102  
Chelsea, Alabama 35043  
(205) 618-2020