

**MINOR CHANGE LONG FORM APPLICATION**  
**AUGUSTA RADIO FELLOWSHIP INSTITUTE, INC.**  
**NEW FM TRANSLATOR STATION**  
**BNPFT-20030310ACX**  
**273D - 102.5 MHZ - 0.25 KW - DA**  
**GRIFFIN, GEORGIA**  
**August 2013**

**Technical Statement**

This Technical Statement and exhibits were prepared on behalf of Augusta Radio Fellowship Institute, Inc. ("ARFI"), applicant for a new FM translator station that was designated as an application in the FCC Public Notice, DA 13-427, March 14, 2013. ARFI herein files the Long Form 349 Application, as directed in DA-13675, July 31, 2013. This application (BNPFT-20030310ACX) proposes to operate on Channel 273, 102.5 MHz, using a directional antenna in Griffin, Georgia.

The proposed translator complies with the Preclusion Showing provisions of the Auction 83 Filing Window. Since the proposed transmitter site is located within the 39.0 kilometer buffer of the Atlanta Georgia Spectrum Limited Market and in a county in the Atlanta Market, Exhibit A1 is an Appendix A Grid Preclusion Study, and Exhibit A2 is an Appendix A Transmitter Site Preclusion Study. By reference to Exhibit A1, operation on Channel 273 will not preclude any future LPFM licensing opportunity in any In Grid location for the Atlanta Market. By reference to Exhibit A2, operation on Channel 273, while precluding LPFM opportunities on Channels 271 through 273, at least one LPFM channel would remain at the transmitter site if the application is granted.

The proposed translator facility on Channel 273 will rebroadcast the signal of AM station WKEU, 1490 kHz, Griffin, Georgia. As the proposed translator's 60 dBu contour is within the 2.0 mV/m contour of WKEU, the proposed translator on Channel 273 is considered to be a fill-in translator (Exhibit B).

The proposed translator antenna system will be located on an existing tower structure that has been registered with the Commission and assigned Antenna Structure Registration Number 1018281. As such, the FAA has not been notified of this proposal. Exhibit C is a study demonstrating that the proposed new translator on Channel 273 will not cause interference to any full service station, nor will interference be delivered to or received from any existing FM translator station or LPFM application (with the exception of BNPFT-20030317BNP, as noted above).

Since it is proposed to locate this translator on an AM broadcast tower, the worksheets used to demonstrate compliance with the Commission's exposure guidelines for radio frequency radiation exposure could not be used. Exhibit D is a demonstration of compliance with the guidelines. All supporting data used in the preparation of this application has been forwarded to ARFI and is available for submission to the Commission upon request.<sup>1</sup>

---

1) All data regarding broadcast facilities was extracted from the CBDS database on the date of the interference tabulation. We assume no liability for errors or omissions in that database which may be adverse to the requests contained herein. Only the radio frequency exposure review of the environmental analysis was undertaken as part of this instant engineering application.