

LONG FORM MINOR CHANGE APPLICATION
AUGUSTA RADIO FELLOWSHIP INSTITUTE, INC.
NEW FM TRANSLATOR STATION
BNPFT-20030310ACJ
CH 270D - 101.9 MHZ - 0.25 KW
BRANCHVILLE, SOUTH CAROLINA
March 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 designated as a singleton in the FCC Public Notice, DA 13-283, February 26, 2013. This application (BNPFT-20030310ACJ) proposes to operate on Channel 270D, 101.9 MHz, using a non-directional antenna. ARFI herein proposes to make minor changes in the proposed facility as permitted in the Public Notice, by relocating the antenna, increasing power, and changing the primary station to be re-broadcast.

The proposed translator is not mutually exclusive with any other application submitted in the Auction 83 Filing Window. In addition, the proposed transmitter site is located outside the 39.0 kilometer buffer of all Markets defined as Spectrum Limited or Spectrum Available Markets. The proposed translator on Channel 270 will rebroadcast the signal of FM station WSPX, Channel 233A, Bowman, South Carolina. As the proposed translator's 60 dBu contour is within the 60 dBu contour of WSPX, the proposed translator on Channel 270 is considered to be a fill-in translator (Exhibit A).

The proposed translator antenna system will be located on an existing tower structure. However, in the process of review, it has been determined the proposed tower site coordinates are slightly in error. The tower has been registered with the Commission and assigned Antenna Structure Registration Number 1031836. The FAA is being notified of the correction of coordinates of the tower. When the expected FAA Determination of No Hazard is received, the tower registration will be modified to reflect the updated data. Exhibit B is a study that demonstrates that the proposed new translator on Channel 270 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.

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.¹

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.