

**AMEND BMLH-20120425ADF**  
**WFLB LICENSE LIMITED PARTNERSHIP**  
**WFLB (FM) RADIO STATION**  
**CH 243C - 96.5 MHZ - 100.0 KW**  
**LAURINBURG, NORTH CAROLINA**  
**April 2012**

**TECHNICAL STATEMENT**

This Technical Statement was prepared on behalf of WFLB License Limited Partnership ("WLLP"), licensee of radio station WFLB, Channel 243C, Laurinburg, North Carolina. This amendment, as indicated below, corrects the coordinates of the WFLB license to agree with the Antenna Structure Registration ("ASR"). Only the Technical Statement and Exhibit A are being updated.

WLLP's main antenna system was damaged by lightning and was replaced with an alternate model. Sections of the transmission line were also replaced. Therefore, this instant application requests a modification of license to reflect the changes to the transmission system. A calculation of the transmitter power output of the WFLB transmitter is attached as Exhibit A1. During the process of preparing this instant application, it was determined that the coordinates of the existing WFLB tower, as indicated on the Antenna Structure Registration ("ASR") were at variance with those indicated in the station license, when converted to NAD 1927. Therefore, this instant license modification application seeks to correct the WFLB license accordingly. The licensed WFLB coordinated are North Latitude 34° 46' 50" and West Longitude 79° 02' 45". The ASR coordinates are North Latitude 34° 46' 49" and West Longitude 79° 02' 45" (when rounded to the nearest second). Therefore, this application seeks to make a one second shift in latitude to

49". As indicated on Exhibit A2 (the licensed coordinates for WFLB) and Exhibit A3 (the corrected coordinates for WFLB), there is no change in distance between WFLB and any short spaced or other facility. As the shortages are not increased, it is believed that this correction meets the Commission's policy for a correction of licensed coordinates by means of an FCC Form 302-FM application.

The ERI antenna also has 2.2% first null fill and 0.7% second null fill. The antenna system uses custom spaced vertical bay intervals, as the distance between bays four and five is not full wave (0.5 wavelength), to accommodate fitting the eight bay system on the length of the mounting pole. The remaining bays are full wavelength spaced. A drawing of the antenna is attached as Tech 1 for reference purposes.

Previously submitted as Exhibit B was a vertical elevation pattern showing the gain of the Electronics Research, Inc., ("ERI") antenna, based on the custom elevation pattern for the WFLB antenna. A filtering system is installed for WFLB due to the co-location of another FM station. A report regarding the emission of the WFLB system was previously submitted as Exhibit E and shows that WFLB is compliant with §73.317 of the rules.

As this application for modification is being submitted without first obtaining a permit, there are no specific conditions to address. However, the present WFLB license states that the facility was granted pursuant to §73.215 of the rules. WLLP acknowledges this condition.

WLLP also states that it will reduce the power of WFLB, or cease operation in coordination with other users of the tower, to protect persons having access to the site from radio frequency electromagnetic fields in excess of FCC guidelines. Based on the foregoing, it is believed that WFLB is in compliance with the Commission's rules.