

**MODIFY BMLH-20011204AAN**  
**CUMULUS LICENSING LLC**  
**KBAT (FM) RADIO STATION**  
**CH 260C1 - 99.9 MHZ - 100.0 KW**  
**MONAHANS, TEXAS**  
**May 2006**

**TECHNICAL STATEMENT**

This Technical Statement was prepared on behalf of Cumulus Licensing LLC ("Cumulus"), licensee of radio station KBAT, Channel 260C1, Monahans, Texas. Cumulus has increased the effective radiated power of KBAT to 100.0 kilowatts from its previous licensed value of 87.0 kilowatts, pursuant to §73.1690(c)(7) of the Commission's rules. As such, Cumulus herein submits a license application for the increased power operation of the KBAT. A calculation of the transmitter power output of KBAT is attached as Exhibit A. It is noted that the KBAT antenna system specified 0.4° of beam tilt. Therefore, attached as Exhibit B is a vertical elevation pattern of the KBAT antenna system provided by the manufacturer of the system, Electronics Research, Inc.

As indicated, the power increase is made pursuant to §73.1690(c)(7) of the rules. From the licensed KBAT site, Channel 260C1 meets the Commission's minimum distance separation requirements to all other stations, applications and proposals under §73.207. No international coordination is needed, as no class change is proposed. Attached, as Exhibit C, is a radio multiple ownership showing which indicates the power increase for KBAT will not cause a

violation of the ownership rules. Finally, attached as Exhibit D is a radio frequency radiation study which demonstrates that the increase of power for KBAT is in compliance with the radio frequency radiation limits.<sup>1</sup> Based on the foregoing, it is believed that KBAT is operating in compliance with the Commission's rules.

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1) Only the radio frequency radiation limits were evaluated within the technical portion of this application. Any other environmental issues have been or will be addressed by the applicant.