

**NEW AUXILIARY FM ANTENNA**  
**CUMULUS LICENSING LLC**  
**KKEG (FM) RADIO STATION**  
**CH 252C1 - 98.3 MHZ - 1.5 KW**  
**BENTONVILLE, ARKANSAS**  
**May 2017**

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of Cumulus Licensing LLC ("Cumulus"), licensee of FM radio station KKEG, Channel 221C3, Fayetteville, Arkansas. Cumulus requests permission to construct a new auxiliary FM antenna system for KKEG for use when the main system is out of service for repairs or maintenance. The proposed auxiliary system will operate with an effective radiated power of 1.5 kilowatts.

Cumulus is proposing to locate the new auxiliary antenna on an existing tower; as such, the Federal Aviation Administration was not apprised of this proposal. The tower has been registered with the Commission and assigned Antenna Structure Registration Number 1200512. Since this is a proposed auxiliary antenna system, no allocation review, community coverage issues, main studio location, or interference issues are considered in this instant application.<sup>1</sup>

Exhibit A is a map showing the proposed KKEG auxiliary facility's 60 dBu contour will not extend beyond that of the licensed KKEG's 60 dBu contour. Since it is proposed to co-locate the KKEG auxiliary antenna in the immediate vicinity of a television station<sup>2</sup>, the worksheets associated with Form 301 could not be used to certify compliance with the

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- 1) There are no stations with an Intermediate Frequency (IF) relationship near the proposed auxiliary site.
  - 2) Cumulus is also submitting an application for a new auxiliary antenna system for KKEG to be co-located on this same tower.

Commission's radio frequency radiation limits. Therefore, attached as Exhibit B is a study that shows the proposed KKEG auxiliary facility will comply with the Commission's RF exposure requirements.

All other data used to certify the information contained in the application has been forwarded to Cumulus and is available for submission to the Commission upon request.<sup>3</sup>

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3) The undersigned has evaluated on the radio frequency radiation exposure limits of this proposal. Further, all data regarding broadcast facilities was extracted from the CDBS database on the date of this application. We assume no liability for errors or omissions in that database that may be adverse to the requests contained herein.