

**ONE-STEP UPGRADE/  
MINOR CHANGE APPLICATION  
CUMULUS LICENSING LLC  
KBYZ RADIO STATION  
CH 243C0 - 96.5 MHZ - 100.0 KW  
BISMARCK, NORTH DAKOTA  
October 2009**

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of Cumulus Licensing LLC ("Cumulus"), licensee of station KBYZ, Channel 243C1, Bismarck, North Dakota. Cumulus proposes to make changes in the facilities of KBYZ by increasing the height above ground, mean sea level and average terrain and upgrading to Channel 243C0 at the existing KBYZ site.<sup>1</sup> At the proposed application site, Channel 243C0 meets the Commission's minimum distance separation requirements; provides a 70 dBu contour over the entire community of Bismarck, North Dakota; and the proposed location is an authorized structure. As such, this proposal meets the necessary criteria for a one-step upgrade.<sup>2</sup>

Since the existing KBYZ tower is to be increased in height to accommodate this upgrade, the Federal Aviation Administration ("FAA") was apprised of this proposal and has issued a Determination of No Hazard. The taller tower has been registered with the Commission and assigned Antenna Structure Registration Number 1254829. Since the KBYZ antenna system is to be co-located with other high power FM stations on a relatively short tower and there is a TV

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- 1) It is noted that Cumulus is also submitting applications to upgrade co-owned and co-located stations KACL and KKCT to Class C0 facilities. As such, the proposed facilities of KACL and KKCT will be considered in this instant application, as the upgrades of these facilities will be implemented at the same time. Additionally, the proposed KBYZ will share an antenna system with the proposed KACL and KKCT, as well as KLXX.
  - 2) The facilities proposed herein for KBYZ are the same facilities authorized in BPH-20060329AMN.

station within 315 meters of this proposal, certification of compliance with the radio frequency radiation levels using the worksheets associated with FCC Form 301-FM was not possible. Therefore a study has been conducted to show this proposal complies with the Commission's radio frequency limits and is attached as Exhibit A.

All of the remaining exhibits used to certify the information on Form 301 have been forwarded to Cumulus and are available for submission to the Commission on request.<sup>3</sup>

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3) The undersigned has evaluated only the radio frequency radiation exposure portion of the environmental review. All data regarding broadcast facilities was extracted from the CDBS database. We assume no liability for errors or omissions in that database.