

**ONE-STEP UPGRADE/  
MINOR CHANGE APPLICATION  
CUMULUS LICENSING LLC  
KACL RADIO STATION  
CH 254C0 - 98.7 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 KACL, Channel 254C1, Bismarck, North Dakota. Cumulus herein proposes to increase the height above ground, mean sea level and average terrain of the KACL facility and upgrade to Channel 254C0 at its existing site.<sup>1</sup> At the proposed application site, Channel 254C0 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 KACL 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 KACL antenna system is to be co-located with other high power FM stations on a relatively short tower and there is a TV

- 
- 1) It is noted that Cumulus is also submitting applications to upgrade co-owned and co-located stations KBZY and KKCT to Class C0 facilities. As such, the proposed facilities of KBZY 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 KACL will share an antenna system with the proposed KBZY and KKCT, as well as KLXX.
  - 2) The facilities proposed herein for KACL are the same facilities authorized in BPH-20060329AMK.

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>

---

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.