

**CORRECTION OF COORDINATES**  
**CUMULUS LICENSING LLC**  
**KBYZ RADIO STATION**  
**CH 243C1 - 96.5 MHZ - 100.0 KW**  
**BISMARCK, NORTH DAKOTA**  
**March 2006**

**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. It has come to the attention of Cumulus that the geographic coordinates of the licensed KBYZ facility are at variance with the KBYZ license. This application seeks to correct the data to reflect the actual location and height of the KBYZ facility.<sup>1</sup> No actual construction is proposed.<sup>2</sup> It is noted that as a result of this correction, the classification of KBYZ will be changed to C1.

Cumulus recently discovered that the coordinates of the existing KBYZ tower were at variance with the coordinates listed on the KBYZ license and on the Antenna Structure Registration for the KBYZ tower. The coordinates listed on the present KBYZ license are North Latitude 46° 35' 25" and West Longitude 100° 47' 47" (NAD 1927). The actual measured coordinates are North Latitude 46° 35' 24" and West Longitude 100° 47' 46", when rounded to the nearest second (NAD 1927). This results in a shift of one second in latitude and one second in longitude. Additionally, a local review of the height of the existing KBYZ antenna on the

- 
- 1) It is noted that Cumulus is also submitting correction applications for stations KACL and KKCT, both Bismarck, North Dakota. As such, the corrected values of these stations will be used for RF contributions.
  - 2) The change in the height above average terrain is due in part to the change in ground elevation and center of radiation adjustment (based on a survey which determined the actual height of the antenna system).

tower indicated the antenna system was mounted more than 2 meters above the value indicated in the station's license and, as such, the correction could not be made on FCC Form 302-FM. As a result of these findings, Cumulus notified the Federal Aviation Administration ("FAA"). The FAA has issued a revised Determination of No Hazard and Antenna Structure Registration Number 1040570 has been updated to reflect the change in coordinates.

As the existing KBYZ antenna system is to be co-located with other higher power FM stations on a relatively short tower, and due to the fact there are TV stations 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.