

**DIAMOND SHORES BROADCASTING, LLC**  
FM Broadcast Station WUME-FM, Paoli, Indiana  
Facility ID No. 28600  
FCC Form 301  
Section III-B Item 16  
Attachment 28  
October 2006

**SUPPLEMENTAL STATEMENT RE SECTION 73.213(c)(2)**

WUME-FM is a grandfathered short-spaced station to co-channel FM Broadcast Station WIKI, Carrollton, Kentucky. WUME-FM seeks a unilateral power increase pursuant to Section 73.213(c)(2) of the Commission's rules, and it has obtained the consent of WIKI.

To demonstrate that grant of the application is consistent with the public interest, the applicant's consulting engineer, Clifton G. Moor, Bromo Communications, Inc., prepared the attached Technical Exhibit.

The Technical Exhibit finds that *no interference area is created* by WUME-FM increasing power. Exhibit 1 depicts WIKI at its currently authorized 3 kW power level, and WUME-FM at the proposed 6 kW power level. Neither station is subject to interference as a result of increased power operation by WUME-FM.

Grant of the application will enable WUME-FM to serve an additional 9,711 persons in 606.07 additional square kilometers. This represents an increase of nearly 31% of population served by WUME-FM.

These findings clearly establish that grant of the application is consistent with the public interest.

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**SUPPLEMENTAL STATEMENT RE SECTION 73.213(c)(2) (continued)**

The Technical Exhibit additionally finds that if at some point in the future, WIKI should determine to increase power at its existing site, a small interference area to both WIKI and WUME-FM would be created. The Commission may appropriately find that these areas are *de minimis*. Regardless, the Commission found in its *Second Report and Order (MM Docket 88-375)*, 4 FCC Rcd 6375 (1989), that the mutuality of power increases between affected stations is in the public interest.

For these reasons, grant of the application is consistent with the public interest.

**Diamond Shores Broadcasting, LLC  
WUME-FM Radio Station  
Paoli, Indiana  
October 2006**

**Technical Exhibit**

Diamond Shores Broadcasting, LLC has filed Application BPH-20060824AAI to increase WUME-FM from the present licensed 3 KW ERP to 6 KW. The site and all elevations will remain the same. WUME-FM operates from 91 meters HAAT. Co-channel WIKI (FM) currently operates as a 3 KW equivalent facility. WIKI has executed a consent agreement allowing WUME-FM to operate as a 6 KW facility. WUME-FM has also allowed WIKI to operate as a maximum Class A station. It is the purpose of this Technical Exhibit to point out aspects of this proposed WUME-FM power increase that are consistent with the public interest even though WIKI does not wish to file for their upgrade concurrently with WUME-FM.

**INTERFERENCE**

By WUME-FM increasing power, there is no interference area created. Exhibit 1 has plotted WIKI at their current 3 KW (equivalent) power level and WUME-FM as the proposed 6 KW power level. There is no interference created to either station.

**WUME-FM SERVICE**

The 6 KW power increase will allow WUME-FM to increase the 60 dBu coverage from 31,587 persons to 41,298 persons. This is an increase of 9,711 additional

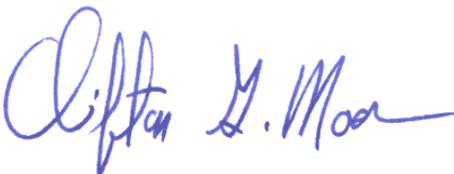
persons. The area within the 60 dBu is also increased by an additional 606.07 square kilometers.

### **WIKI FUTURE POWER INCREASE**

If at some time in the future WIKI finds it feasible to increase power to 6 KW (equivalent), then a small interference area to both WIKI and WUME-FM would be created. The area of interference to WIKI consists of 450 persons in 37.94 square kilometers while the area of interference to WUME-FM consists of 141 persons in 12.42 square kilometers. These interference areas would be created regardless of when WIKI files their 6 KW application.

### **PUBLIC INTEREST**

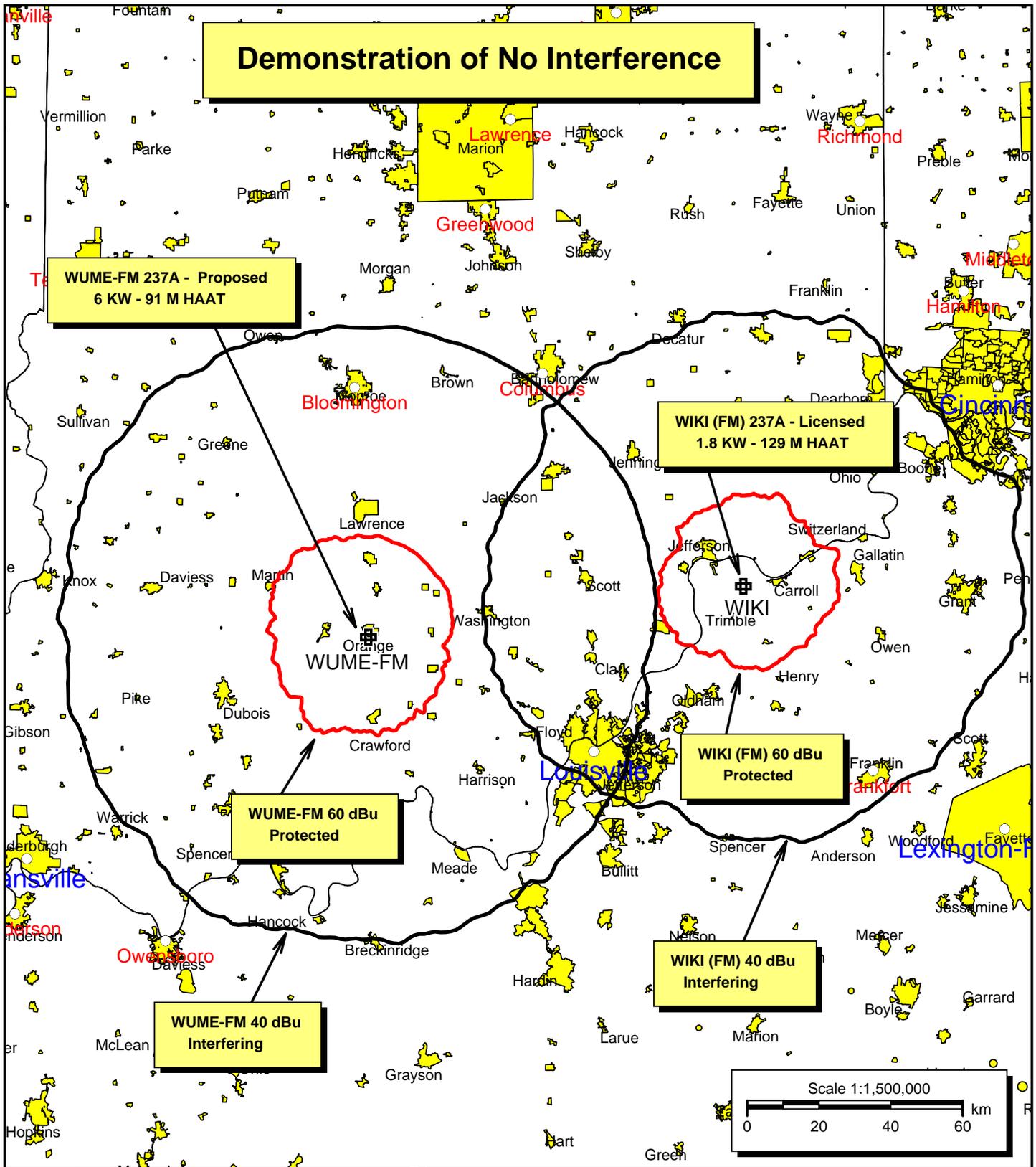
This power increase allows WUME-FM to serve 9,711 additional persons over 606.07 additional square kilometers. The public interest is well served by allowing WUME-FM to increase power and serve a larger audience over a larger area.



October 24, 2006

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Clifton G. Moor  
Bromo Communications, Inc.

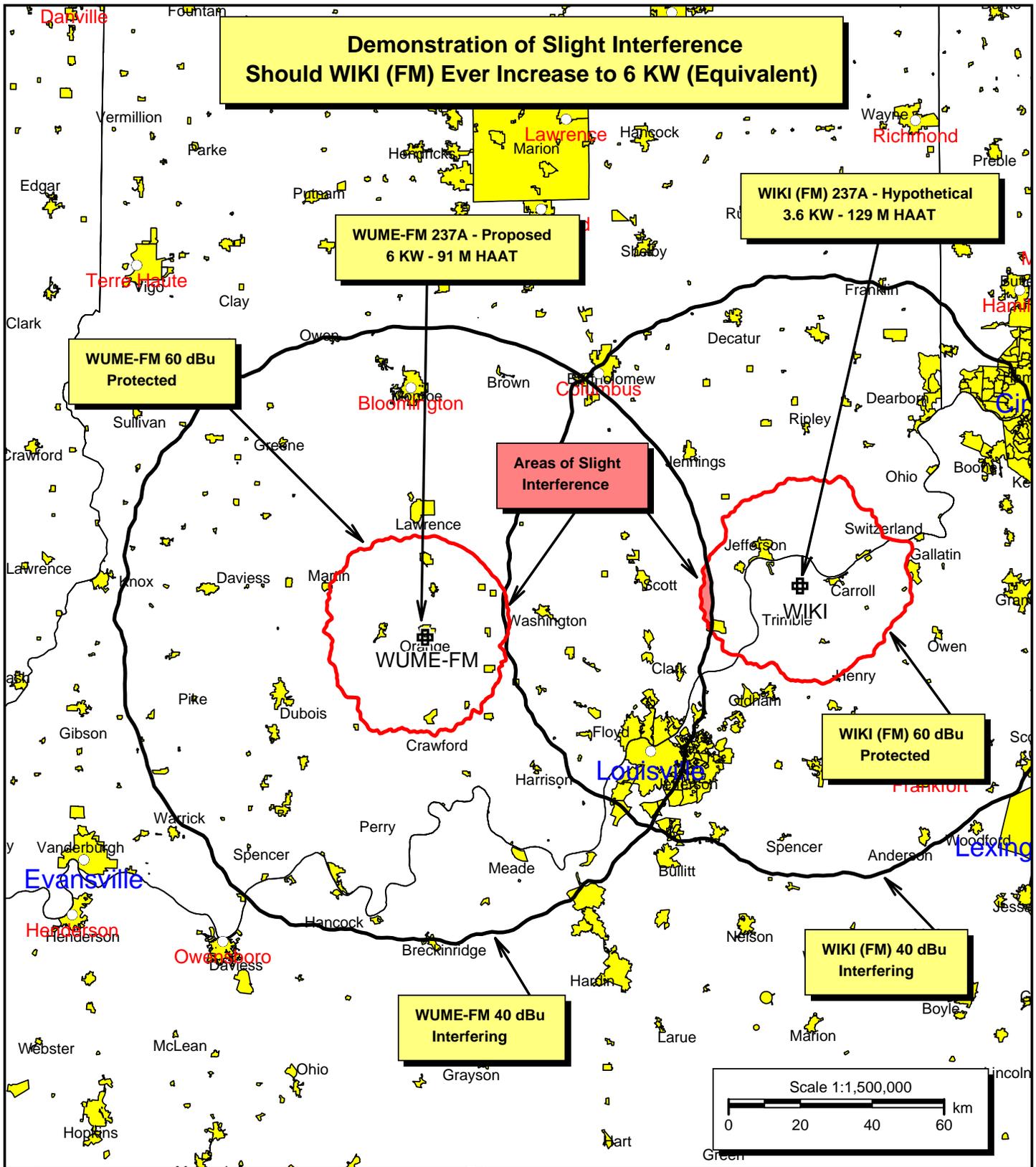


**Exhibit 1**  
**WUME-FM / WIKI (FM)**  
**Protected / Interfering Contours**

**Bromo Communications, Inc.**

Atlanta, Georgia

October 2006



**Exhibit 2**  
**WUME-FM / WIKI (FM)**  
**Hypothetical Protected / Interfering Contours**

**Bromo Communications, Inc.**  
 Atlanta, Georgia  
 October 2006