

**Engineering Statement  
In Support of an  
Application for a Construction Permit  
KCVK(FM), Channel 299A, Otterville, MO**

**Engineering Narrative**

**General**

Cumulus Licensing LLC (“Cumulus”), proposed assignee of KCVK, channel 299, Otterville, Missouri, is hereby filing the instant FCC Form 301 contingently with KMJK, KMAJ, and KRLK. It seeks to directionalize KCVK at its current antenna location and slightly reduce power from 2.7 kW to 2.5 kW.

KCVK proposes to locate its antenna on its existing tower at the current height. The proposed facility will be directional.

**Exhibits Explained**

Exhibit E, Figure 1 is a channel spacing study for KCVK as a class A facility. It shows that all stations are fully spaced to KCVK (with the exception of KMAJ and KCLQ).

Exhibit E, Figure 2 is a terrain/contour study for the existing KCVK facility. Exhibit E, Figure 3 is a contour map showing that as a class A, KCVK will cover Otterville, Missouri (community of license).

Exhibit E, Figure 4 is a supporting structure sketch for KCVK on its current tower.

Exhibit E, Figures 5 through 10 are FM overlaps studies with KCLQ and KMAJ, which are the stations KCVK will protect under §73.215. Exhibit E, Figure 11 is a vertical plane sketch of the dimensions of the existing tower as well as the associated heights for the KCVK antenna.

## **Conclusion**

Since no new tower construction is proposed, KCVK will simply locate its antenna on the existing tower at the current height. A human exposure study on RF Worksheet #1 was conducted, and no RF exposure issues will arise as a result of this application.

The following pages are exhibits prepared and assembled in support of the proposed.

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### **Statement of the Consultants**

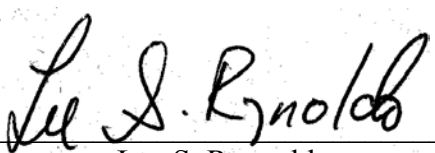
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The information in this application is compiled from the most recent Commission and outside data. RTA is not responsible for errors resulting from incorrect data or unpublished rule and procedure changes.

For RTA:

  
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Lee S. Reynolds

April 5<sup>th</sup>, 2004

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