

# **APPLICATION FOR A FM BROADCAST STATION LICENSE**

## **FCC FORM 302**

**(DIRECTIONAL ANTENNA)**

**File Number – BPH-20030707ADF**

**WKKO**

**(Facility Number 22673)**

**Toledo, Ohio**

**CHANNEL 260 – 99.9 MHz**

**APPLICANT: Cumulus Licensing Corp.**

**December 2003**

**Prepared by:**



BROADCAST TECHNICAL CONSULTANTS

12585 Old Highway 280 East, Suite 102  
Chelsea, Alabama 35043  
(205) 618-2020

**Engineering Statement**  
**In Support of an Application for a**  
**FM Broadcast Station License**  
**WKKO, Toledo, Ohio**

**CONTENTS**

1. Statement of Engineers	E3-E5
2. Exhibit E, Figure 1	Directional Antenna Certification and Mounting Instructions
3. Exhibit E, Figure 2	Licensed Surveyor Statement
4. Exhibit E, Figure 3	Statement of Installation Engineer

**ENGINEERING STATEMENT**

**Of**

**Lee S. Reynolds**

**And**

**Virgle Leon Strickland**

**In Support of an**

**Application for a**

**FM Broadcast License**

**WKKO**

**Toledo, Ohio**

**Channel 260 – 99.9 MHz**

**December 2003**

**General**

As broadcast technical consultants doing business as Reynolds Technical Associates (“RTA”), we have been authorized by Cumulus Licensing Corp. (“The Applicant”) to prepare the engineering portion of an application for a license (FCC Form 302) for WKKO, Toledo, Ohio.

The Applicant was issued a construction permit (file number BPH-20030707ADF) that corrected the antenna location coordinates consistent with the antenna structure registration. In addition, this application reflects the installation of a new directional FM antenna.

**Directional Antenna**  
**(Exhibit E, Figures 1 through 3)**

Exhibit E, Figure 1 includes the directional antenna certification and the mounting instructions for the replacement directional antenna. Exhibit E, Figure 2 is a statement of the licensed surveyor. Exhibit E, Figure 3 is a statement of the installation engineer.

**Special Operating Conditions or Restrictions, Number 5**  
**(No Exhibits)**

An agreement is in place to prevent excessive human exposure to radiofrequency radiation. The licensee will reduce power or cease operation, whichever is necessary to protect persons having access to the site/tower. This addresses special operating condition number 5.

**Conclusion**

This statement/application has been prepared for The Applicant by utilizing the information supplied by the Applicant. The information provided was carefully examined and is in compliance with the Rules and Regulations of the Commission. We welcome the opportunity to discuss the engineering data contained in this application with the staff of the Federal Communications Commission. Should any questions arise concerning the information, please contact us.

The following pages are exhibits prepared and assembled in support of this proposal.

Lee S. Reynolds  
12585 Old Highway 280 East, Suite 102  
Chelsea, Alabama 35043  
(205) 618-2020

Leon Strickland  
12585 Old Highway 280 East, Suite 102  
Chelsea, Alabama 35043  
(205) 618-2020

### **Statement of the Consultants**

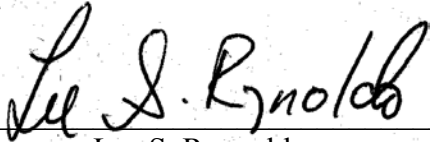
The instant engineering statement was prepared for "The Applicant" and supports an application for a FM Broadcast station license for WKKO, Toledo, Ohio. It was developed by RTA and may not be used for purposes other than submission to the Commission by the applicant.

It may not be reproduced in its entirety, or in part, by anyone (other than from the Commission) without the written consent of RTA.

It is prepared for The Applicant under contractual agreement, and its certification by RTA is used accordingly. If The Applicant fails in its contractual obligation, RTA reserves the right to withdraw its certification.

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

For RTA:

  
\_\_\_\_\_  
Lee S. Reynolds

December 18, 2003

12585 Old Highway 280 East, Suite 102  
Chelsea, Alabama 35043  
(205) 618-2020