

APPLICATION FOR A FM BROADCAST STATION LICENSE

FCC FORM 302

(DIRECTIONAL ANTENNA)

File Number – BPED-20000622AFR

WGIB

(Facility Number 24256)

Birmingham, Alabama

CHANNEL 220 – 91.9 MHz

APPLICANT: Glen Iris Baptist School

January, 2003

Prepared by:



BROADCAST TECHNICAL CONSULTANTS

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Engineering Statement
In Support of an Application for a
FM Broadcast Station License
WGIB, Birmingham, Alabama

CONTENTS

1. Statement of Engineers		E3-E6
2. Exhibit E, Figure 1	Directional Antenna Certifications 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

WGIB

Birmingham, Alabama

Channel 220 – 91.9 MHz

January, 2003

General

As broadcast technical consultants doing business as Reynolds Technical Associates (“RTA”), we have been authorized by Glen Iris Baptist School (herein referred to as “Glen Iris Baptist” as well as “The Applicant”), to prepare the engineering portion of an application for a license (FCC Form 302) for WGIB, Birmingham, Alabama.

The Applicant was issued a construction permit (file number BPED-20000622AFR) authorizing construction of the main facility of WGIB. The transmitter facility has been completed.

Constructed Facility
(No Exhibits)

The authorized site has the coordinates of 33° 25' 00" North Latitude, 86° 36' 25" West Longitude. The constructed facility has the coordinates of 33° 24' 59" North Latitude, 86° 36' 28" West Longitude which is 0.083 kilometers at 248.14 Degrees from True North from the authorized site. This discrepancy was discovered when a survey was conducted. The authorized height of the radiator above ground level is 34 meters and the constructed facility has the height of the radiator above ground level of 32 meters, 2 meters less than authorized. Both differences are within compliance of the Commission's Rules and Regulations [47CFR 73.1690(b)(2) AND 47CFR 73.1690(c)(1)]. The applicant is requesting to use the constructed coordinates as the licensed coordinates. Also the applicant is requesting to use the following elevations for the height of the center of radiator: Above ground level, 32 meters; Above average terrain, 264 meters; Above means sea level, 474 meters.

With the change coordinates and elevation, the protected contour of the constructed facility remains inside of the protected contour of the approved pattern of the construction permit. Therefore the constructed facility is in compliance with the Commission's Rules and Regulations and will continue to offer protection to facilities of concern.

Directional Antenna
(Exhibit E, Figures 1 through 3)

Exhibit E, Figure 1 is the directional antenna certifications and mounting instruction for the installed directional antenna. Exhibit E, Figure 2 is a statement for the licensed surveyor. Exhibit E, Figure 3 is a statement of the installation engineer.

**Special Operating Conditions or Restrictions, Number 1
(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 1.

Conclusion

This statement/application has been prepared for The Applicant by utilizing the information supplied by the Applicant. Careful examination of the information was performed to insure that all documentations were in full compliance with the Rule and Regulations of the Commission. We welcome the opportunity to discuss with the staff of the Federal Communications Commission the engineering data contained in this application. Should any questions arise concerning the information, please contact us.

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

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Statement of the Consultants

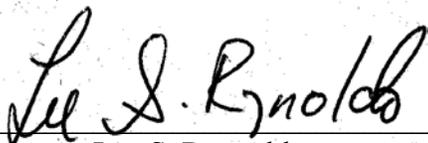
The instant engineering statement was prepared for “The Applicant” and supports an application for a FM Broadcast station license for WGIB, Birmingham, Alabama. It was developed by RTA and may not be used for purposes other than submission to the Commission by the applicant.

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 reserve 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 Strickland and Reynolds:



Lee S. Reynolds

January 14th, 2003

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