

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

Gaffney Broadcasting Inc

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

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Station License

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Direct Measurement of Power

1. Facilities authorized in construction permit					
Call Sign WZZQ	File No. of Construction Permit (if applicable)	Frequency (kHz) 1500	Hours of Operation Day time	Power in kilowatts	
				Night	Day 1.0
2. Station location					
State SC			City or Town Gaffney		
3. Transmitter location					
State SC	County Cherokee	City or Town Gaffney	Street address (or other identification) 340 Providence Rd		
4. Main studio location					
State SC	County Cherokee	City or Town Gaffney	Street address (or other identification) 340 Providence Rd		
5. Remote control point location (specify only if authorized directional antenna)					
State	County	City or Town	Street address (or other identification)		

6. Has type-approved stereo generating equipment been installed?

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Yes

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No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?

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Yes

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No

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Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No.

8. Operating constants:					
RF common point or antenna current (in amperes) without modulation for night system			RF common point or antenna current (in amperes) without modulation for day system 3.73		
Measured antenna or common point resistance (in ohms) at operating frequency Night Day 72.0			Measured antenna or common point reactance (in ohms) at operating frequency Night Day +70		
Antenna indications for directional operation					
Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents
	Night	Day	Night	Day	Night Day
Manufacturer and type of antenna monitor:					

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9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
Guyed Tower	46.6	47.4	47.4	Exhibit No.

Excitation

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Series

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Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	35	°	05	'	18	"	West Longitude	81	°	38	'	40	"
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.
E-1

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

11. Give reasons for the change in antenna or common point resistance.

Installation of 4 Bay FM Antenna for W282AX Translator

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) Ted McCall	Signature (check appropriate box below) 
Address (include ZIP Code) P.O. Box 2115	Date 8/11/2009
Easley, SC 29641	Telephone No. (Include Area Code) 864-855-0701

☐

Technical Director

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Registered Professional Engineer

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Chief Operator

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Technical Consultant

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Other (specify)