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Federal Communications Commission  
Office of the Secretary

JAN 23 2 50 PM '92

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ORIGINAL

January 24, 1992

Ms. Donna R. Searcy  
Secretary  
Federal Communications Commission  
Washington, D.C. 20554

Re: Trinity Christian Academy  
Oxford, Alabama  
File No. BPED-860512MB

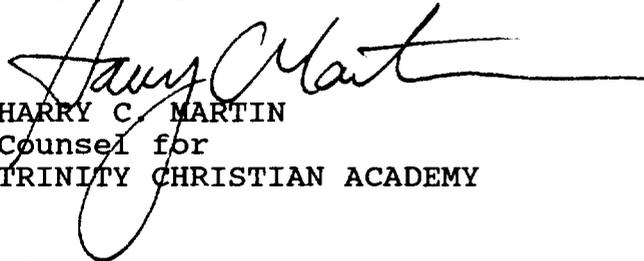
Dear Ms. Searcy:

Transmitted herewith in triplicate on behalf of Trinity Christian Academy is an amendment to its above-referenced application for a construction permit for a new noncommercial educational FM station at Oxford, Alabama.

There is good cause for acceptance of this amendment. The address change and new Section II list of principals are required to be filed under Section 1.65 of the Commission's rules to keep the application up to date. The engineering materials included in the amendment were specifically requested in the Commission's letter of November 26, 1991.

Should any questions arise in connection with this matter, please communicate directly with this office.

Very truly yours,



HARRY C. MARTIN  
Counsel for  
TRINITY CHRISTIAN ACADEMY

Enclosure  
HCM/hwa

cc (w/enc.): Mr. James D. Bradshaw  
M. Scott Johnson, Esquire

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JAN 24 1992

Federal Communications Commission  
Office of the Secretary

BEFORE THE

**Federal Communications Commission**

Washington, D.C. 20554

In re Application of	)	
	)	
TRINITY CHRISTIAN ACADEMY	)	File No. BPED-860512MB
Oxford, Alabama	)	
	)	
For a Construction Permit	)	
for a New FM Station	)	

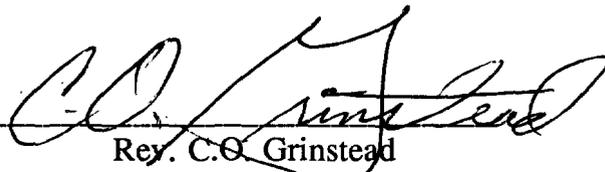
**AMENDMENT**

Trinity Christian Academy, applicant for a new noncommercial FM broadcast station at Oxford, Alabama, hereby amends its above-captioned application in the following respects:

1. The address of the applicant has been changed to 1500 Airport Road, Oxford, Alabama 36203.
2. Substitute the attached pages of Section II for the single page now on file.
3. Add the attached supplementary engineering data to that presently on file.

Signed and dated this 23rd day of January, 1992.

TRINITY CHRISTIAN ACADEMY

By   
 Rev. C.O. Grinstead  
 Pastor

## PARTIES TO APPLICATION

8. Complete the following Table with respect to all parties to this application:

(NOTE: If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.)

INSTRUCTIONS: If applicant is a corporation or an unincorporated association with 50 or fewer stockholders, stock subscribers, holders of membership certificate or other ownership interest, fill out all columns, giving the information requested as to all officers, directors and members of governing board. In addition, give the information as to all persons or entities who are the beneficial or record owners of or have the right to vote capital stock, membership or ownership interests or are subscribers to such interests. If the applicant has more than 50 stockholders, stock subscribers or holders of membership certificates or other ownership interests, furnish the information as to officers, directors, members of governing board, and all persons or entities who are the beneficial or record owners of or have the right to vote 1% or more of the capital stock, membership or ownership interests. If applicant is a governmental or public educational agency, board or institution, fill out columns (a), (b), and (c) as to all members of the governing board and chief executive officers.

Name and Residence Address(es)	Office Held	Director or Member of Governing Board		% of: Ownership (O) or Voting Stock (VS) or Membership (M)
		YES	NO	
(a)	(b)	(c)		(d)
Rev. C.O. Grinstead 1200 Tanglewood Drive Oxford, AL 36203	Pastor	X		N/A
Ray Banks 909 Catalpa Lane Oxford, AL 36203	Deacon	X		14.29(m)
Jerry Reaves 508 Scott Lane Oxford, AL 36203	Deacon	X		14.29(m)
Larry Skinner 850 Airport Road Oxford, AL 36203	Deacon	X		14.29(m)
Frank Smith 2112 Hinton Drive Oxford, AL 36203	Deacon	X		14.29(m)
David Fitzgerald 2040 Little John Drive Oxford, AL 36203	Deacon	X		14.29(m)
Michael Davis 3867 Hollingsworth Road Jacksonville, AL 36265	Deacon	X		14.29(m)

PARTIES TO APPLICATION

8. Complete the following Table with respect to all parties to this application:

(NOTE: If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.)

INSTRUCTIONS: If applicant is a corporation or an unincorporated association with 50 or fewer stockholders, stock subscribers, holders of membership certificate or other ownership interest, fill out all columns, giving the information requested as to all officers, directors and members of governing board. In addition, give the information as to all persons or entities who are the beneficial or record owners of or have the right to vote capital stock, membership or ownership interests or are subscribers to such interests. If the applicant has more than 50 stockholders, stock subscribers or holders of membership certificates or other ownership interests, furnish the information as to officers, directors, members of governing board, and all persons or entities who are the beneficial or record owners of or have the right to vote 1% or more of the capital stock, membership or ownership interests. If applicant is a governmental or public educational agency, board or institution, fill out columns (a), (b), and (c) as to all members of the governing board and chief executive officers.

Name and Residence Address(es)  (a)	Office Held  (b)	Director or Member of Governing Board		% of: Ownership (O) or Voting Stock (VS) or Membership (M)  (d)
		YES	NO	
		(c)		
Randall Whorton 180 Buckalew Drive Anniston, AL 36201	Deacon	X		14.29(m)
Trinity Christian Academy is operated by Trinity Baptist Church, Inc. Both are governed by the church's board of deacons.				

TECHNICAL EXHIBIT  
AMENDMENT TO  
APPLICATION FOR CONSTRUCTION PERMIT  
TRINITY CHRISTIAN ACADEMY  
OXFORD, ALABAMA  
CH 217A            126 W (V)            565 M

Technical Narrative

This technical exhibit has been prepared on behalf of Trinity Christian Academy, applicant for a new non-commercial educational FM station at Oxford, Alabama, and is in response to a letter from Mr. Dennis Williams, Chief, FM Branch, Audio Services Division, Mass Media Bureau (ref. 8920-JDB). In this letter, Trinity Christian Academy was instructed to amend its application for construction permit to correct the television channel 6 interference study, to clear up a discrepancy between the application and the Commission's records regarding the overall height of the antenna supporting structure and to explain the steps which will be taken to limit radiofrequency radiation exposure to persons authorized access to the tower. This amendment addresses these three issues.

Television Channel 6 Study

The study showing the interference area to television channel 6 station WBRC(TV), Birmingham, Alabama, has been corrected so that no adjustment for television receiver antenna directivity is considered. The amended interference area is shown in the attached Figure 8A. Employing the method of 47 CFR 73.525(e)(2),

the population within the interference area is estimated to be 136 persons (based on the 1980 Census). An amended tabulation of the data employed in the population determination is attached as Figure 9A.

Overall Tower Height

Trinity Christian Academy has proposed to use the existing tower of television station WCIQ, licensed to the Alabama Educational Television Commission. Trinity Christian Academy does not propose altering the height of the tower, only side-mounting its antenna on the existing tower, and, therefore, used the values from the Commission's records regarding the overall height of the WCIQ(TV) tower. From researching the WCIQ(TV) engineering file at the Commission, it appears that the overall height of the tower has not been changed since its construction in 1954. The tower height (2985 feet AMSL, 910 meters AMSL) cited in Item 5 of FCC Form 340, Section V-G (dated May 9, 1986) in the original Trinity Christian Academy application was taken from the WCIQ(TV) engineering data. These values are consistent with the values for WCIQ(TV) on file at the Commission.<sup>1</sup>

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<sup>1</sup>It is noted that the Commission's databases give conflicting tower height information. The Commission's tower database (dated 8/91) shows the overall tower height as 2983 feet AMSL (909 meters AMSL), whereas the Commission's TV database (dated 11/25/91) shows the radiation center of the WCIQ(TV) antenna at 911 meters AMSL.

Radiofrequency Radiation Considerations

Based on Equation 4 on Page 8 of OST Bulletin No. 65, October 1985, the calculated "worst-case" estimate of radiofrequency radiation power density at ground level from Trinity Christian Academy's proposed FM operation is much less than one percent of the ANSI guidelines. Should it be necessary for workers or other authorized personnel to climb the tower, Trinity Christian Academy verifies that appropriate steps will be taken to assure that no exposure to radiofrequency radiation in excess of the ANSI guidelines will occur. These steps may include a reduction in or shut down of power, as necessary, and will be coordinated with WCIQ(TV).



David E. Dickmann

du Treil, Lundin & Rackley, Inc.  
1019 19th Street, N.W., 3rd Floor  
Washington, D.C. 20036  
(202) 223-6700

January 15, 1992



Figure 9A

TECHNICAL EXHIBIT  
 AMENDMENT TO  
 APPLICATION FOR CONSTRUCTION PERMIT  
 TRINITY CHRISTIAN ACADEMY  
 OXFORD, ALABAMA  
 CH 217A            126 W (V)            565 M

Population Count of Predicted Interference to WBRC(TV)

<u>Division</u>	<u>Total Population</u>	<u>Rural Population</u>	<u>Percentage of Area Enclosed</u>	<u>Population Within Area Enclosed</u>
<u>Cleburne Co., AL</u>				
Heflin Div.	7,166	3,945	3.1	122
Edwardsville town	207	---	0.0	---
Heflin city	3,014	---	0.0	---
<u>Clay Co., AL</u>				
Lineville Div.	5,087	2,830	0.5	14
Lineville town	2,257	---	0.0	---
Total Population of Predicted Interference Area				136