

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

PAS

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
VA	BPED -920511MB N/M	NEW 103.5MHZ	COMMUNITY EDUC. SERVICE COUNCIL, INC CROZET VA	CP FOR NEW FM EDUCATIONAL ON: FREQ: 103.5 MHZ.; ERP:0.27 KW (H&V); HAAT: 462 METERS (H&V) 37 57 00 78 43 38

LICENSE EXPIRATION DATE
PN: 5-20-92

Patricia Scott
CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT() CONSTRUCTION DATES, START _____ END _____
CONTESTED () UNCONTESTED ()

APPROVED _____

FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

APPLICATION FOR CONSTRUCTION PERMIT FOR
NONCOMMERCIAL EDUCATIONAL BROADCAST STATION
(Carefully read instructions before filing form) Return only form to FCC

ORIGINAL

For Commission Use Only
BPED-920511MB
File No.

AUG 5 1992

Section I - GENERAL INFORMATION

RECEIVED

MAY 11 1992

1. Name of Applicant Community Education Service Council, Inc.		
Street Address or P.O. Box Rt. 2 Box 343		
City Afton	State VA	ZIP Code 22920
Telephone No. (Include Area Code) (804) 361-2155		

Send notices and communications to the following person at the address below:		
Name Peter Robinson		
Street Address or P.O. Box Rt. 2 Box 343		
City Afton	State VA	ZIP Code 22920
Telephone No. (Include Area Code) (804) 361-2155		

2. This application is for: AM FM TV

(a) Channel No. or Frequency *278A

(b) Principal Community	City	State
	Crozet	VA

(c) Check one of the following boxes:

- Application for NEW station
- MAJOR change in licensed facilities; call sign:
- MINOR change in licensed facilities; call sign:
- MAJOR modification of construction permit; call sign:
- File No. of construction permit:
- MINOR modification of construction permit; call sign:
- File No. of construction permit:
- AMENDMENT to pending application; application file number:

RECEIVED
MAY 13 9 35 AM '92
FM EXAMINERS

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application? Yes No

If Yes, state:	Call letters	Community of License	
		City	State

103.5MHZ
BPED -920511MB NEW
CROZET VA
COMMUNITY EDUC. SERVICE COUNCIL, IN

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.

Please Refer to the attached list

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)		

Section II - LEGAL QUALIFICATIONS

Name of Applicant

Community Educational Service Council, Inc.

1. Applicant is: (check one box below)

- (a) governmental or public educational agency, board or institution
- (b) private nonprofit educational institution
- (c) Other (specify)

2. For applicants 1(c) only, describe in an Exhibit the nature and educational purposes of the applicant.

See Exhibit L1

Exhibit No.
L1

3. For applicants 1(c) applying for a new noncommercial educational television station only, describe in an Exhibit how the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural and civic segments of the principal community to be served.

Exhibit No.

4. Describe in an Exhibit how the proposed station will be used, in accordance with 47 C.F.R. Section 73.503 or Section 73.621, for the advancement of an educational program.

See Exhibit A

Exhibit No.
A

5. Is there any provision contained in any by-laws, articles of incorporation, partnership agreement, charter, statute or other document which would restrict the applicant in advancing an educational program or complying with any Commission rule, policy or provision of the Communications Act of 1934, as amended?

Yes No

If Yes, provide particulars in an Exhibit.

Exhibit No.

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

6. (a) Is the applicant in violation of the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? (See Instruction B to Section II.)

Yes No

(b) Will any funds, credits or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents?

Yes No

If the answer to (b) above is Yes, attach an Exhibit giving full disclosure concerning this assistance.

Exhibit No.

7. (a) Has an adverse finding been made or an adverse final action taken by any court or administrative body as to the applicant or any party to this application in a civil or criminal proceeding brought under the provisions of any law related to the following:

Any felony; broadcast related antitrust or unfair competition; criminal fraud or fraud before another governmental unit; or discrimination?

Yes No

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in (a) above?

Yes No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving full disclosure concerning persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), a statement of the facts upon which the proceeding is or was based or the nature of the offense alleged or committed, and a description of the current status or disposition of the matter.

Exhibit No.

COMMUNITY EDUCATIONAL SERVICE COUNCIL, INC.

1992 Board of Directors

John R. Ewbank
1150 Woods Road
Southampton, PA. 18966
(215)357-3977

Rita Jane Leasure
CESCI Vice-President
Route 3 Box 230
Lexington, VA. 24450
(703)463-1070

Marjorie Ewbank
1150 Woods Road
Southampton, PA. 18966
(215)357-3977

Faith Morgan
CESCI President
P.O. Box 222
Occidental, CA. 95465
(707)874-2826

Herb Goldstein
CESCI Secretary
Route 3 Box 230
Lexington, VA. 24450
(703)463-1070

Peter Robinson
CESCI Treasurer
Route 2 Box 343
Afton, VA. 22920
(804)361-2155

Don Hollister
420 North Winter Street
Yellow Springs, Ohio 45387

1992 Members

Al Barberg P.O. Box 11531, Prescott, AZ 86304 (602)636-1927
Charles Betterton 105 Sun St. Stelle, IL 60919 (815)256-2252
Allen Butcher 2850 Lodge Ave. #381, Evansville, IN 47714 (812)477-2730
Carolyn Eckel 1775 Meadow Rd. Southampton, PA 18966 (215)355-5925
Rena Errick Rt. 4 Box 169 Louisa, VA 23093 (703)894-5126
Lance Grolla P.O. Box 562 Yellow Springs, OH 45387 (513)257-7152
Jane Morgan P.O. Box 207 Yellow Springs, OH 45387 (513)767-1461
John Morgan Rt. 1 Box 210 Bealsville, OH 43716 (614)926-1481
Dan Questenberry Route 2 Box 343 Afton, VA 22920 (804)361-1417
Art Roseblum 5620 Morton St. Philadelphia, PA 19144 (215)849-1259
Laird Schaub Route 1 Box 155 Rutledge, MO 63563 (816)883-5543
Haines Turner 830 S. Woodburn Bloomington, IN 47401 (812)326-1502
Robert H. Watzke P.O. Box 1208 Milwaukee, WI 53201

SECTION III - FINANCIAL QUALIFICATIONS

Note: If this application is for a change in an operating facility, DO NOT fill out this Section.

1. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration? Yes No
2. Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision? Yes No

NOTE: If either Questions 1 or 2 is answered "Yes," your application cannot be granted until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on your part is required. If you rely on funds from a source specified in Question 2, **you must advise the F.C.C. when the funds are committed or appropriated.** This should be accomplished by letter amendment to your application, in triplicate, signed in the same manner as the original application, and clearly identifying the application to be amended.

3. The applicant certifies, except as noted above, that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without additional funds. Yes No

See Exhibit F1 for budget and equipment statements

SECTION IV - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No.
A1/A2

Please See Exhibits A1 and A2

NOTE: No program service statement need be filed where the proposed station's programming would be wholly "instructional" as that type of programming is defined in the Instructions to this Section.

Section II - LEGAL QUALIFICATIONS (Page 3)

9. Does the applicant or any party to this application have, or have they had, any interest in:

(a) a broadcast station, or pending broadcast station application before the Commission?

Yes No

(b) a broadcast application which has been dismissed with prejudice by the Commission?

Yes No

(c) a broadcast application which has been denied by the Commission?

Yes No

(d) a broadcast station, the license of which has been revoked?

Yes No

(e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant?

Yes No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.

- (1) Name of party having interest;
- (2) Nature of interest or connection, giving dates;
- (3) Call letters of stations or file number of application or docket; and
- (4) Location.

Does Not Apply

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees?

Yes No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).

SECTION VII - CERTIFICATION

[REDACTED]

EXHIBIT L1

COMMUNITY EDUCATIONAL SERVICE COUNCIL, INC.

Purposes and Goals

The common theme behind CESCI's purposes is the creation and sustenance of community. As stated in our by-laws, we do this primarily in four ways:

- 1) Provide educational services for communities and cooperative undertakings of an economic, religious, or

EXHIBIT A

The applicant, Community Educational Service Council, Incorporated, (CESCI), is a non-profit, educational organization, located in Nelson County, Virginia. The educational nature of the programming service the applicant is proposing is consistent with CESCI's past record of rural community education efforts. The applicant plans to provide a non-commercial, community-oriented service, designed to meet the educational needs of the residents within the coverage area. The local studio and transmitter will provide programming for 132,249 people within the signal's reach, offering an educational program service. Because CESCI has been a Nelson county organization for 5 years, and has a forty-year history of community service, it is uniquely qualified to provide a local educational service with knowledge of the communities to be served.

The service will include programming designed to address the educational needs of the residents of Crozet, Virginia, and surrounding communities. The educational programming will draw on the resources of the University of Virginia, offering a regular lecture series with visiting professors. It will also provide programming based on the activities of the University of Virginia's Women's Center, with taped and live lectures by visiting authors and scholars on issues concerning women. The station will bring educational programming to residents in Nelson and Albemarle counties who are often too far from the major metropolitan areas to take advantage of resources. (See exhibit A1 for a detailed program description).

CESCI believes the public will be best served by a local educational station with studios in the city of license. The local nature of the service will fill a need not currently being met by other stations covering the proposed broadcast area. The station will offer in-depth local news, public affairs, and educational programs designed to bring information about events pertinent to Crozet, and Nelson and Albemarle counties. There will be a regular newscast, as well as numerous topical public affairs programs covering local events and concerns. The news and educational programming will be done by staff and volunteers drawn from the local listening area. The station plans to broadcast election coverage, city council meetings, and provide other live coverage of civic events concerning citizens in the listening area. Regularly scheduled public service announcements will provide residents with information on important events.

As a central component to its programming service, the station will provide training in broadcast technique to local residents. A regular course in radio production will be offered to all interested volunteers on a regular basis. This will insure the quality of the programming presented by community volunteers, while giving them skills in the broadcasting field.

The station will also broadcast a wide variety of cultural programs, including live Jazz and Folk music concerts from the Live Arts Cultural Center, and the Prism Coffeehouse in Charlottesville. The main musical offering will be centered on music indigenous to Virginia, which includes traditional and bluegrass music, blues and country music. A variety of musical forms will be represented to reflect the diverse interests of the listening population. The cultural portion of the program will draw on the variety of music festivals, poetry readings, and arts events happening in the Crozet, Charlottesville, and surrounding areas.

To most effectively serve the population, the station will conduct regular programming surveys designed to ascertain the needs of the listening public. The station will conduct town-hall style meetings to gauge local response to programming, as well as solicit comments at local events.

EXHIBIT A1 :
PROGRAMMING DESCRIPTION

PUBLIC AFFAIRS / EDUCATIONAL

Women at the Center: : Lecture series featuring nationally reknown women authors, musicians, scholars on issues concerning women. Recorded at the University of Virginia's women's center.

University of Virginia Visiting Lecturers series: : The best of visiting professors speaking on educational topics ranging from medical breakthroughs to human communication.

Dial Direct: This weekly call-in show will center around local issues with a different guest each week. Topics will include local zoning issues, health care, transportation, and education.

Virginia Traditions: Weekly short features on local and state history, folkways, and culture. Presented in conjunction with the Virginia Foundation for the Humanities' Folklife Program.

Albemarle/Nelson county supervisor's meetings: : Regular coverage of decisions/issues. election coverage:Live

Our Town: Weekly roundup of events in the following town's and communities: Crozet, White Hall, Free Union, Browns Cove, Millington, Critzers Shop, Charlottesville, Batesville, Redhill, Coveseville, Esmont, Nelliesford, Lovingston, Faber, Old Dominion, and Rockfish. Each week spokespersons from several towns will report the local news and events. This might include weddings, elections, festivals, floods, etc. women's issues/information program

The Truck Patch: Weekly call-in talk show on small farm and gardening techniques. Callers will have their questions answered by a guest gardening expert from the local area.

The Home School Program: :Information for the large number of home school children and their parents in Nelson county and surrounding rural areas.

We will also include weather/emergency information/ Crozet, Albemarle/Nelson Co./school closings

LOCAL NEWS

There will be two local daily newscasts, covering Crozet, Charlottesville, and Albemarle and Nelson county news. These newscasts will be 15 minutes each and occur in the 8am and 6pm hours. Special live coverage of elections, emergencies, and important events will occur when needed.

STATEWIDE

Virginia roundup: Regular ten minute features on current events in Virginia produced by news staff.

State assembly news updates

State election coverage

EXHIBIT A1: PROGRAMMING DESCRIPTION, Pg. 2

FROM NATIONAL SOURCES

Horizons: Half-hour documentaries on American cultures, including minority and women's issues.

Living on Earth: Weekly national environmental news program covering issues in-depth.

Crossroads: Half-hour news magazine featuring minority issues and news.

Southways: Half-hour weekly documentary series on Southern regional news and culture.

VARIETY

The Good Morning Show: This will be the centerpiece of morning programming. The program will be a variety of news, features, commentary, and music, presented in a fast-paced, humorous format. There will be a regular Albemarle/Nelson Counties newsbreak at 8am that will last 15 minutes, after which the regular program will resume. The music will be acoustic in nature, offering an alternative to the straight news all the other stations are running.

SPECIAL / CULTURAL

Kidtown USA: Monthly live kid's concert with musicians and storytellers. Remote broadcast.

Poets in Residence: Monthly poetry readings presented in conjunction with UVA English dept.

C-ville Live : Remote broadcasts of folk and jazz concerts from the Live Arts cultural center and Prism Coffeehouse.

MUSIC

The Cotton Club: Contemporary and traditional Jazz

Front Porch Swing: Traditional and contemporary folk music. Emphasis on music indigenous to Virginia.

Stormy Monday: Blues and R & B music, with material from blues concerts recorded live.

Soul Connection: Rap and soul from the 50's to present.

Women's waves: Music by women artists.

Gristle and Hamhock: Celtic and American traditional music,

Back Forty Bluegrass: Traditional and contemporary bluegrass music, with special features and interviews with touring musicians, festival recordings, and remotes from local clubs.

Ear to the World: Music from all over the globe, from the Sudan to the Delta.

EXHIBIT A2, Pg 1
FCC form 340, Community Educational Service Council, Inc.

		<u>MONDAY</u>	<u>TUESDAY</u>	<u>WEDNESDAY</u>	<u>THURSDAY</u>	<u>FRIDAY</u>	
W E E K L Y P R O G R A M S C H E D U L E	5	THE GOOD MORNING SHOW News, music, features, interviews, weather, talk					5
	6						6
	7	<i>Virginia Traditions: Folkways, history, notes about Virginia's past</i>					7
	8						8
	9	FRONT PORCH SWING FolkandbluegrassMix					9
	10						10
	11	GLOBAL VILLAGE Rock, World Beat, folk, acoustic, reggae, cajun, American roots music					11
	12						12
	1	Dial Direct :call-in talk	The Truck Patch	UVA Visiting Scholars	Senior's Hour	Virginia Roundup	1
	2	OUR TOWN + LOCAL NEWS: Reports from towns and communities in the listening area					2
	3						3
	4	AFRICAN MUSIC					4
5	5						
6	Living on Earth	Home School	Crossroads	Southways	Virginia Roundup	6	
7	STORMY MONDAY: Blues					7	
8						8	
9	THE COTTON CLUB Jazz					9	
10						10	
11	WOMEN'S WAVES Music by women artists					11	
12						12	
1	60's Rock Nostalgia					1	
2						2	
3	REGGAE					3	
4						4	
5	SOUL					5	
6						6	
7	JAZZ ALL NIGHT					7	
8						8	
9	JAZZ ALL NIGHT					9	
10						10	
11	JAZZ ALL NIGHT					11	
12						12	
1	JAZZ ALL NIGHT					1	
2						2	
3	JAZZ ALL NIGHT					3	
4						4	
5	JAZZ ALL NIGHT					5	
6						6	

SATURDAY		SUNDAY	
5am			5am
6	A CLASSICAL OFFERING Classical Music		6
7			7
8			8
9	KIDTOWN U.S.A.	SUNRISE MAGAZINE	9
10			10
11		SANDY'S Live Performance Radio	11
12	GRISTLE AND HAMHOCK Celtic and American Traditional Music		12
1		BACK FORTY BLUEGRASS	1
2			2
3			3
4	HORIZONS	FRONT PORCH STORIES	4
5			5
6	PICK OF THE WEEK Live in-studio performances by local musicians	BLUES BREAK	6
7		Poets in Residence	7
8		Women at the Center	8
9	SATURDAY NIGHT FISH FRY	NEW AGE MUSIC	9
10	Rhythm and Blues and	OLD TIME RADIO THEA-	10
11			11
12	NEW COMPACT DISK RELEASES	NEW COMPACT DISK RELEASES	12
1			1
2			2
3			3
4			4
5			5

EXHIBIT A2 / Pg. 2

FCC Form 340

Community Educational

Service Council, Inc.

Application for Channel 278A

WEEKEND PROGRAM SCHEDULE

Site Availability Certification

Community Educational Service Council, Inc. hereby certifies that it has reasonable assurance in good faith that the site or structure proposed in item 2, section V-B, FCC form 340, as the location of it's transmitting antenna, will be available to the applicant for the intended purposes stated herein.

Because Community Educational Service Council, Inc. has no ownership interest in the proposed site and structure, the applicant certifies that it has obtained reasonable assurance from the owner possessing control of the site and structure.

The owner of the proposed site is: Henry Childs; His telephone number is: (804)823-4405;

Signature of Applicant: Peter R. Robinson

Date: 5-9-92

**Certification Pursuant to Section 1.2002
of the Commission's Rules (47 C.F.R. 1.2002)**

I certify that no party to the applicant is subject to a denial of Federal Benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853a.

Community Educational Service Council, Inc.

By Peter R. Robinson

Title Treasurer

Date May 9, 1992

**EXHIBIT E
ENGINEERING STATEMENT
ON BEHALF OF
COMMUNITY EDUCATIONAL SERVICE COUNCIL, INC.
NEW EDUCATIONAL FM STATION
CH278-A 103.5 MHz. 0.270 kW 462 METERS
CROZET, VIRGINIA**

FIGURES INDEX

FIGURE 1 FM SPACING STUDY
FIGURE 2 TRANSMITTER SITE LOCATION MAP
FIGURE 2A SUPPLEMENTAL SITE LOCATION MAP
FIGURE 3 ANTENNA SKETCH
FIGURE 4 ELEVATION AND CONTOUR DATA
FIGURE 5 COVERAGE CONTOUR MAP

PREPARED BY:

**BROADCAST TECHNICAL, INC.
NEW ORLEANS, LOUISIANA**

May, 1992

Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. _____

ASB Referral Date _____

Referred by _____

Name of Applicant

Community Educational Service Council, Inc.

Call letters (if issued)

Not Issued

Is this application being filed in response to a window? Yes No

If Yes, specify closing date: _____

Purpose of Application: (check appropriate boxes)

Construct a new (main) facility

Construct a new auxiliary facility

Modify existing construction permit for main facility

Modify existing construction permit for auxiliary facility

Modify licensed main facility

Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

Antenna supporting-structure height

Effective radiated power

Antenna height above average terrain

Frequency

Antenna location

Class

Main Studio location

Other (Summarize briefly)

File Number(s) _____

1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
278	Crozet	Albemarle	VA

Class (check only one box below)

A B1 B C3

C2 C1 C D

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

Peak of Castle Rock Mountain, 1/2 S. C. E. of Pearisville, Albemarle County, Virginia

SECTION V-8 - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?
If Yes, list old coordinates.

Yes No

Latitude ° ' "	Longitude ° ' "
---	--

5. Has the FAA been notified of the proposed construction?

Yes No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available. See Exhibit E, Engineering Statement for discussion

Exhibit No.
D.N.A.

Date _____ Office where filed _____

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Distance (km)	Bearing (degrees True)
(a) <u>Bundoran</u>	<u>4.0 km</u>	<u>70°</u>
(b) _____	_____	_____

7. (a) Elevation: *(to the nearest meter)*

(1) of site above mean sea level; 723.6 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 30.5 meters

(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 754.1 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

(1) above ground 21 meters (H)

21 meters (V)

(2) above mean sea level [(aX1) + (bX1)] 744.6 meters (H)

744.6 meters (V)

(3) above average terrain 462 meters (H)

462 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(bX3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.
E

9. Effective Radiated Power:

(a) ERP in the horizontal plane 0.27 kw (HM) 0.27 kw (VM)

(b) Is beam tilt proposed? Yes No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.
D.N.A.

_____ kw (HM) _____ kw (VM)

*Polarization

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed?

Yes No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No.
D.N.A.

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?

Yes No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.
D.N.A.

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast (except citizens band or amateur) radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

Yes No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)

Exhibit No.
E

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
E

14. Attach as an Exhibit (name the source) a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
E

- (a) the proposed transmitter location, and the radials along with profile graphs have been prepared;
- (b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and
- (c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 2526 sq. km. Population 131,675

16. Attach as an Exhibit a map (Sectional Aeronautical charts where obtainable) showing the present and proposed 1 mV/m (60 dbu) contours.

Exhibit No.
D.N.A.

Enter the following from Exhibit above: Gain Area _____ sq. mi.
Loss Area _____ sq. mi.

Percent change (gain area plus loss area as percentage of present area) 100 %.
If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 4)

Exhibit No.
D.N.A.

17. For an application involving an auxiliary facility only, attach as an Exhibit a map (Sectional Aeronautical Chart or equivalent) that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: _____)

18. Terrain and coverage data (to be calculated in accordance with 47 C.F.R. Section 73.313).

Source of terrain data: (check only one box below)

Linearly interpolated 30-second database 7.5 minute topographic map

(Source: N.G.D.C.)

Other (briefly summarize)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	513	30.0
45	489	29.2
90	538	30.9
135	520	30.3
180	479	28.8
225	402	26.4
270	331	24.1
315	428	27.2

Allocation Studies

(See Subpart C of 47 C.F.R. Part 73)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico? Yes No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No.
D.N.A.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?

Yes No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.
D.N.A.

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:

Exhibit No.
D.N.A.

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ *(separation requirements involving intermediate frequency (i.f.) interference)*.

Exhibit No.
E

23.(a) Is the proposed operation on Channel 218, 219, or 220?

Yes No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?

Yes No

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.
D.N.A.

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.
D.N.A.

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 6)

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
D.N.A.

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibit(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

Yes No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No.
D.N.A.

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

Yes No

If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.
E

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

Yes No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.
D.N.A.

If No, explain briefly why not. See Exhibit E, Engineering Statement

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed) Kenneth Devine	Relationship to Applicant (e.g., Consulting Engineer) Technical Consultant
Signature 	Address (Include ZIP Code) Broadcast Technical, Inc. P.O. Box 13475 New Orleans, LA 70185
Date May 7, 1992	Telephone No. (Include Area Code) (504) 866-3846

**EXHIBIT E
ENGINEERING STATEMENT
ON BEHALF OF**

COMMUNITY EDUCATIONAL SERVICE CENTER, INC.

[REDACTED]

ELEVATION AND CONTOUR DATA

The average elevations from three to sixteen kilometers from the proposed site along the eight required radials were determined using a computer method in accordance with the procedures specified in Section 73.312(d) using the 30 Second Point Data File of the National Geophysical Data Center.

Figure 4 is a tabulation of average elevations, effective antenna heights and distances to the 60 dBu and 70 dBu coverage contours. The contour data of Figure 4 were determined through a computer method similar to the method outlined in Section