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REC'D MASS MED BUR
AUG 6 1984
AUDIO SERVICES

CERTIFICATION

The Application of Southwest Educational Media Foundation ,Inc., is herby amended to substitute the attached revision of pages 1, 12, 13, 19, and the enclosed antenna sketch which is labeled Exhibit # E-2.

I hereby certify that all of the statements made in the attached amendment are true, complete, correct to the best of my knowledge and are made in good faith.

Signed and dated this 2nd day of August, 1984.

T. Kent Atkins

T. Kent Atkins, President
Southwest Educational
Media Foundation, Inc.

REC'D MASS MED BUR
AUG 0 9 1984
PUBLIC REF. ROOM

Section I

Approved by OMB
3060-0034
Expires 9/30/85

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES IN A NONCOMMERCIAL EDUCATIONAL BROADCAST STATION

INSTRUCTIONS

A. This form is to be used only in applying for authority to construct a new noncommercial educational TV, FM, or AM broadcast station or to make changes in an existing station. This form consists of this part, Section I, and the following sections:

Section II, Legal Qualifications of Broadcast Applicant
Section III, Financial Qualification of Broadcast Applicant
Section IV, Statement of Program Service of Broadcast Applicant
Section V-A, AM Broadcast Engineering Data
Section V-B, FM Broadcast Engineering Data
Section V-C, TV Broadcast Engineering Data
Section V-G, Antenna and Site Information
Section VI, Equal Employment Opportunity Program

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B. PREPARE THREE COPIES of this form and all [illegible] one copy of Section I. Prepare one additional copy (a total of four) of Section V-G and associated exhibits. File all the above with the Federal Communications Commission, Washington, D.C. 20554. APPLICANTS FILING FOR FINANCIAL ASSISTANCE FROM NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION (NTIA) SHOULD SUBMIT THIS APPLICATION TO THE FCC AT LEAST 90 DAYS *PRIOR* TO FILING WITH NTIA. Applicants filing with the FCC *after* this time should *not* expect FCC approval in time to receive NTIA funding. Applicants should check with NTIA for proper NTIA filing dates. Applicants applying for funding from other government agencies should check with that agency *and* the FCC to determine filing deadlines for both that agency *and* the FCC.

C. Number exhibits serially in the space provided in the body of the form and list each exhibit in the space provided on page 2 of this Section. Show date of preparation of each exhibit, antenna pattern, and map, and show date when each photograph was taken.

D. The name of the applicant stated herein shall be the exact corporate name, if a corporation; if an unincorporated association, the exact name of the association; if a governmental or public educational agency, the exact name of such agency. The applicant must notify the Commission of any change of address.

E. Information called for by this application which is already on file with the Commission (except that called for in Section III which is more than 90 days old and in Section V-G) need not be refiled in this application provided (1) the information is now on file in another application or FCC form filed by or on behalf of this applicant; (2) the information is identified FULLY by reference to the file number (if any), the FCC form number, and the filing date of the application or other form containing the information and the page or paragraph referred to, and (3) after making the reference, the applicant states: "No change since date of filing." Any such reference will be considered to incorporate into this application all information, confidential or otherwise, contained in the application or other form referred to. The incorporated application or other form will thereafter, in its entirety, be open to the public. (See Section 73.3526 of the Commission's Rules and Regulations, "Records to be maintained locally for public inspection by commercial applicants, permittees, and licensees.")

F. This application shall be personally signed by the applicant, if the applicant is an individual; by one of the partners, if the applicant is a partnership; by an officer, if the applicant is a corporation; by a member who is an officer, if the applicant is an unincorporated association; by such duly elected or appointed officials as may be competent to do so under the laws of the applicable jurisdiction, if the applicant is an eligible government entity; or by the applicant's attorney in case of the applicant's physical disability or absence from the United States. The attorney shall, in the event she/he signs for the applicant, separately set forth the reason why the application is not signed by the applicant. In addition, if any matter is stated on the basis of the attorney's belief only (rather than knowledge), she/he shall separately set forth reasons for believing that such statements are true.

G. Before filling out this application, the applicant should be familiar with the Communications Act of 1934, as amended, Parts 1, 2, 17, and 73 of the Commission's Rules and Regulations.

H. BE SURE ALL NECESSARY INFORMATION IS FURNISHED AND ALL PARAGRAPHS ARE FULLY ANSWERED. IF ANY PORTIONS OF THE APPLICATION ARE NOT APPLICABLE, SPECIFICALLY SO STATE. DEFECTIVE OR INCOMPLETE APPLICATIONS MAY BE RETURNED WITHOUT CONSIDERATION.

THIS BLOCK FOR COMMISSION USE ONLY

File No.

REC'D MASS MED BUR AUG 06 AUDIO SERVICES

1. NAME OF APPLICANT (See Instruction D)
Southwest Educational Media Foundation, Inc.

STREET ADDRESS
1805 Clover

CITY	STATE	ZIP CODE
Lake Charles	LA	70605

TELEPHONE NO. (Include area code)
(318) 477-9716

2. NAME OF PERSON TO WHOM COMMUNICATIONS SHOULD BE SENT, IF DIFFERENT FROM ITEM 1. T. Kent Atkins

STREET ADDRESS
7146 Bayberry

CITY	STATE	ZIP CODE
Dallas	TX	75249

TELEPHONE NO. (Include area code)
(214) 296-5855

3. (a) PURPOSE OF APPLICATION (Put "X" in appropriate box)

☒ New Station
Change in existing station facilities: ☐ Major ☐ Minor

(b) If this application is for a change in existing facilities, complete Section I plus any other Sections necessary to show all substantial changes in information previously filed with the Commission. (Indicate below the Sections completed and filed with this application.)

Section
☒ II ☒ III ☒ IV
☐ V-A ☒ V-B ☐ V-C ☒ V-G ☒ VI

(c) In the space below refer to information already on file with the Commission which, in accordance with Instruction E, may be incorporated in this application by proper reference.

File or Form No. and Date	Section No.	Paragraph No.

4. REQUESTED FACILITIES

TYPE OF STATION
☐ AM ☒ FM ☐ TELEVISION

FREQUENCY	CHANNEL NO.	CALL SIGN
91.7	219	

HOURS OF OPERATIONS	POWER IN KILOWATTS	
	NIGHT	DAY
Unlimited	39.82	39.82

ANTENNA HEIGHT ABOVE AVERAGE TERRAIN IN FEET (FM and TV only)
388.76

STATION LOCATION

CITY	STATE
Lake Charles	Louisiana

SECTION V-B

FM ENGINEERING DATA	Name of applicant Southwest Educational Media Foundation,	FOR COMMISSION USE ONLY File No.

1. Purpose of authorization applied for: [X] Construct a new station [ ] Make changes in authorized Radio station

(a) If this is not for a new station, summarize briefly the nature of the changes proposed.

N/A

(b) If this is an application (or amendment thereto) to make changes in an existing station or to amend application for a new station is the change being made to one of the following?

(1) Frequency (2) Station location (3) Class N/A [ ] Yes [ ] No

(c) If Yes, this constitutes a major change. Question 3(a) on page 1 of Section I of this form should be answered accordingly.

2. Facilities requested

Frequency	Transmitter power output
91.7 mHz	17.5 KW

3. Proposed transmitter location

State	County	City
Louisiana	Calcasieu	Lake Charles

Street address (or other identification)
Southwest of intersection of RYAN street and PRIEN LAKE ROAD.

4. Proposed location of main studio

State	County
Louisiana	Calcasieu

City or town	Street address
Lake Charles	to be determined.

Other studies proposed

5. Transmitter

Make	Type No.	Rated power
Continental	816R-2	20KW

(If the above-transmitter has not been accepted for licensing by the F.C.C., attach as Exhibit No. N/A a complete showing of transmitter details. Showing should include schematic diagram and full details of frequency control. If changes are to be made in licensed transmitter include schematic diagram and give full details of frequency change.)

6. Transmission line proposed to supply power to the antenna from the transmitter

Make	Type No.	Description
Andrew	HJ8	Air Dielectric coax

Size (nominal transverse dimension)	Length	Rated efficiency for this length
3.0 inches	374 ft.	87 %

7a. Antenna Structure

Is the proposed construction in the immediate vicinity or does it serve to modify the construction of any AM, FM or TV broadcast station or other class of radio station? [X] Yes [ ] No

If Yes, attach as Exhibit No. E-1 complete engineering data thereon.

Attach as Exhibit No. E-2 a vertical plan sketch for the proposed total structure (including supporting building if any) giving heights above ground in feet for all significant features.

Overall height above ground (without obstruction lighting): 454 ft.

Height of antenna radiation center above mean sea level: Horizontal 399 ft. Vertical 399 ft.

Geographical coordinates of antenna (to nearest second)
North Latitude 30° 11' 50"
West Longitude 93° 13' 12"

7b. Antenna Data

Make	Type No. or description
Shively Labs	Model 6810 (5 bay)

Antenna power gain: Horizontal 2.7 Vertical 2.7

No. of Sections: Horizontal 5 Vertical 5

Is horizontal polarization proposed? [X] Yes [ ] No

If No, attach as Exhibit No. N/A complete engineering data on the antenna and the effective radiated power proposed.

Is directional antenna proposed? [ ] Yes [X] No

If Yes, attach as Exhibit No. N/A complete engineering data thereon.

FM ENGINEERING DATA

9. If this is a major environmental action attach as Exhibit No. N/A a sufficient number of aerial photographs taken in clear weather at appropriate attitudes and angles to show the nature of the surrounding terrain in the vicinity of the proposed transmitter site. The photographs must be marked so as to show compass directions. Photographs taken in eight different directions from an elevated position on the ground will be acceptable in lieu of the aerial photographs if the area can be clearly shown. Give date photographs were taken.

8. Proposed Operation - Power				10. Modulation Monitor	
Transmitter output power	Dissipation within transmission line	Antenna input power	Effective radiated power	Make	Type No.
17.5 kw	2.75 kw	14.75 kw	Horizontal 39.82 kw Vertical 39.82 kw	BELAR	FMS-1

10. Attach as Exhibit No. N/A a map (Sectional Aeronautical Charts where obtainable) showing the present and proposed 1mV/m (60dbu) contours.
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)_____ If 50% or more this constitutes a major change.
Indicate in question 3(a), Section 1, accordingly.

11 a). Attach as Exhibit No. E-3 maps showing the nature of the terrain, etc., within 25 kilometers (15 miles) of the proposed antenna location . Where obtainable, 7½ minute topographic maps, such as U.S. Geological Survey quadrangles, shall be used. If these maps are not available, the next best available maps shall be used. In addition the following shall be indicated on map:

(1.) Proposed transmitter and main, studio locations accurately plotted,
(2.) Transmitter location and call letters of all known radio stations (except amateur and citizens band) and the location of established commercial and government receiving stations within 2 miles of the proposed transmitter location;
(3.) Character of the area within 2 miles of transmitter location, suitably designated as to residential, business, industrial and rural nature,
(4.) At least eight radials each extending to a distance of ten or more miles from the proposed transmitter location.

(b) Attach as Exhibit No. E-4 profile graphs for the radials in 11 (a)(4). Each graph shall show the elevation of the antenna radiation center. Identify each graph by its bearing from the proposed transmitter location. Direction true north shall be a zero azimuth and angles measured clockwise. Show source of topographical data and scale of miles on each.

12. From the profile graphs in 11(b), for the eight mile distance between two and ten miles from the proposed transmitter location, and in accordance with the procedure prescribed in Section 73.313 of the Commission's Rules, supply the following tabulation of data. (If proposed location is adjacent to the sea coast or the Great Lakes omit from this tabulation all radials which lie over water substantially the entire distance between two miles from the proposed transmitter location and the predicted 50 microvolt per meter contour.)

Radial bearing (degrees true)	Average elevation of radials 2-10 mi.) above mean sea level	Height of antenna radiation center above average elevation of radial (2-10 mi.)	Predicted distance to the 1mV/m contour	Predicted distance to the 50 uv/m contour
0°	13.3 feet	385.7 feet	28.4 mi.	67.4 mi.
45°	10.5	388.5	28.4	67.4
90°	16.8	382.2	28.3	67.3
135°	13.3	385.7	28.4	67.4
180°	10.5	388.5	28.4	67.4
225°	9.3	389.7	28.5	67.5
270°	7.2	391.8	28.5	67.5
315°	9.0	390.0	28.5	67.7

Antenna height above average terrain
(Average of above listed heights)
Horizontal 387.76'
Vertical 387.76'

Broadcast Application — Section V-G (Antenna)

ANTENNA AND SITE INFORMATION (See Instruction B, Section I)	NAME OF APPLICANT	CALL SIGN
	Southwest Educational Media Foundation, Inc.	(New)

CLASS OF STATION	STATION LOCATION
Fm Broadcast	Lake Charles, Louisiana

FACILITIES REQUESTED
Side Mounted Antenna On Existing Tower

PURPOSE OF APPLICATION (Put "X" in appropriate box)
- [ ] a. New antenna construction
- [X] b. Alteration of existing antenna structure
- [ ] c. Change in location

LEGAL COUNSEL
Fawer, Brien, Hardy, & Zatzkis

ADDRESS
601 Poydras Street, New Orleans, LA

CONSULTING ENGINEER
Communications Consultants

ADDRESS
650 North Bolton St., Jacksonville, Texas

3. Has the FAA been notified of proposed construction? (Not necessary to file FCC Form 714.)
- [ ] YES If yes, give date and office where notice was filed.
- [X] No

1. LOCATION OF ANTENNA

STATE	~~County~~ Parish	CITY OR TOWN
Texas	Calcasieu	Lake Charles

Exact antenna location (street address). If outside city limits, give name of nearest town and distance and direction of antenna from the town.

Southwest of the intersection of Ryan Street and Prien Lake Road.

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

North latitude 30° 11' 50" — West longitude 93° 13' 12"

4. FEATURES OF SURROUNDING TERRAIN

Attach as Exhibit No. E-3 a chart on which is plotted the exact location of the antenna site, and also the relative location and height of any natural formation or existing man-made structures (trees, water tanks, towers, buildings, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft. The chart used shall be a 7.5 or 15 minute series topographic quadrangle (choice depending upon proximity of the antenna site to landing areas) or full scale photo copy. On the chart include 1) a scale of miles, 2) sufficient latitude and longitude lines, clearly labeled, so that the location of sites may be verified, and 3) all identifying map information. These charts may be purchased from the U.S. Geological Survey, Washington, D.C. 20242 or, for areas west of the Mississippi River, from the U.S. Geological Survey, Denver, Colorado 80225.

(Exception - Where the proposed antenna site is within the boundary of landing area, submit a self-made, large scale map showing antenna site