Namə	and	business address	OFFICERS Present home address (or addresses)	Offico	Citizənship		
			•				
	2						
(e)	owned of record or n a foreign governmen	urth of capital stock of such may it be voted by aliens, th t or representative thereof, laws of a foreign country? _	or by any con	tatives, or by		
(f)	Is the above-descri	bed controlling corporation i	n turn a sub:	sidiary,		
		If so, attach additional sheets responding to					
		paragraph 14(a) to the organization ha	(e), inclusive, for each comp ving final control.	eany, to and i	including		
15. (a)	Is applicant a representative of an alien or foreign government?					
		•	no.				
(Ъ)		er than an individual, is any older, a representative of an				
		ment?	If so, give the name, addr ition, if any, with applicant resentatives.	ess, and citi , and a full	zənship <u>4</u> / of dis c losurə		
			PART IV				
		(<u>To</u>	be executed by ALL applicant	<u>s</u>)			
16. I	s ap	plicant an "organize	ed nonprofit educational agen	cy"? <u>5/</u>	es		
(;	a)	Is the institution a	ed nonprofit educational agen ccredited? <u>Yes</u> (Yes or No) Association of Colleges 444	(Yes If so, by wha	or No) t authority		
		North (entral 1	TSSOCIATION OF Colleges 900	1 Jecondan	Schools_		

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 $\frac{4}{5}$ See footnote 4 on page 5. 5/ See Sec. 3.503 of the Commission's Rules and Regulations.

applicant directly or indirectly, through stock ownership, contract or erwise, interested in the ownership or control of any other radio brow ting station?
so: State how and to what extent
State how and to what extent
State call letters and location of such stations
the applicant in the past been directly or indirectly interested in tershin or control of any radio broadcasting stations? Mo.
the applicant in the past been directly or indirectly interested in tershin or control of any radio broadcasting stations? Mo.
ership or control of any radio broadcesting stations?
ership or control of any radio broadcesting stations?
so, state call letters and location of such stations
te applicant's relation to station (whether applicant is to be owner of see, and, if neither owner nor lesses, state nature of applicant's
erest in use and control of station) Owher
not owner, a cony of agreement showing applicant's interest in station t be attached if not heretofore filed with the Commission.)
applicant is not to be owner of station, who is?
l applicant have absolute control of station, as to physical operation
programs broadcast? Kes
not, attach copy 3/of any contract which may in any way affect applican

.

- 19. (a) If a state, county, municipality or other political subdivision or department thereof, attach exhibit $\frac{3}{giving}$ a full statement of money appropriated or otherwise made available for construction and operation including technical operations, programming, and general expenses, etc. and attach certified copy of the resolution or other authority evidencing this fact.
 - (b) If OTHER THAN a state, county, municipality or other political subdivision or department thereof.
 - (1) Attach a detailed balance sheet $\frac{3}{3}$ showing applicant's assets and (Echibit 2) liabilities.
 - (2) If the financial showing of applicant is augmented by agreements of others to advance money, submit verified copies of the agreements by which the parties are legally obligated together with the financial statements of each such party.3/
- 20. (a) Has the applicant been finally adjudged guilty by any Federal court of unlawfully monopolizing, or attempting unlawfully to monopolize, radio communication directly or indirectly through control of manufacture or sale of radio apparatus, exclusive traffic arrangements, or any other means, or of unfair

methods of competition? ______

(b) Is applicant directly or indirectly controlled by any party finally adjudged

guilty as above stated? ______ (Answer Yes or No)

- 21. (a) Attach schedule³ of the purposes, plans and proposed programs of the applicant showing how the station will be operated to furnish noncommercial educational broadcast service, particularly with respect to separate units in an educational system. Describe fully how the station will further and advance education, and will serve the public interest, convenience and necessity. Also, give the estimated cost of operations on the basis set forth and indicate how the continued operation will be financed (See paragraph 19(a)). (Exhibit 3)
 - (b) Is the proposed service intended to fit into a plan for state-wide or regional educational service? No If so, attach exhibit describing fully.3/
 - (c) Is any portion of the proposed educational broadcast service new furnished or available to the area from an existing station? <u>No</u> (Yes or No) If "Yes", attach an exhibit describing fully. $\frac{3}{}$

3/ See footnote 3 on page 2.

2	(d)	Attach maps or diagrams showing extent of the school system or systems proposed to be served. 3 Indicate any other areas proposed to be served and reasons therefor. (If desired, this may be included on maps submitted pursuant to paragraph 31 of this form.) 5 White 4
22.	Fac	ilities requested:
	(a)	Channel <u>88.1</u> kilocycles.
	(ъ)	Operating power Watts.
	(c)	Type of emission \underline{FM} .
	(a)	State minimum number of hours per day the proposed station will be operated:
		Before 6 P.M. / Hours. After 6 P.M. <u>3</u> Hours.
23.	(a)	Does applicant request the assignment of all or any part of the facilities now assigned to any other station or stations?
		(Yes or No)
24.	Desc	If "Yes", specify the station or stations, and state accurately the facilities requested to be withdrawn therefrom
24.	Desc tran (a) (b) If a	facilities requested to be withdrawn therefrom
24.	Desc tran (a) (b) If a Type	facilities requested to be withdrawn therefrom
	Desc tran (a) (b) If a Type Norm (c)	facilities requested to be withdrawn therefrom pribe transmitting apparatus proposed to be installed. If more than one smitter is to be used attach separate description(s) thereof. Make <u>Several Electric Type</u> or Model No. <u>HBT/A/</u> Electric Type or Model No. <u>HBT/A/</u> Coscillator: Type of circuit <u>Periode Crystal Controll@Number</u> , make and type of tube(s) <u>I-GE-GSJ7 tube</u> Normal total plate current <u>8 m.a.</u> Plate voltage <u>2.50 Volts</u> dditional oscillator is employed to determine carrier frequency give: of circuit <u>(nenc)</u> Number, make and type of tube(s)
	Desc tran (a) (b) If a Type Norm (c)	facilities requested to be withdrewn therefrom

6/ Service area may be predicted in accordance with the method given in "Standards of Good Engineering Practice Concerning High Frequency Broadcast Stations" available from the Federal Communications Commission, Washington, D. C.

Within how many cycles or within what percentage is the transmitter designed to maintain the carrier frequency requested? _______ (d) List intermediate stages by number and type of tubes in each stage. Crystal amplister - 1-6557: 5 multipliers - 6557: 1-Fripler 616. 1- tripler 815. (e) Last radio stage: Number, make and type of tube(s) one GE--GL 8298. Normal operation for power requested: Total plate current ______ Plate voltage 350 - Volts (f) Which radio state is modulated? <u>Crystal amplifier</u> (g) What system of modulation is employed? <u>Phasitrop</u> (h) The transmitter is designed for what maximum percentage of satisfactory modulation? too or (i) Rated output power of transmitter is _____/O watts. (taken from the I ntermediate gove amplifice) (j) Will a pre-emphasis circuit be used in the transmitter by which the higher frequencies will be emphasized in accordance with the impedance-frequency characteristics of a series inductance-resistance circuit having a time constant of 100 microseconds? Yes The frequency characteristics of the transmitter with the pre-emphasis circuit will be within $\pm 1 d b$. decibels of the calculated characteristics of such circuit. 25. Attach accurate schematic diagrams of the fundamental circuit of proposed trans- x mitter (indicating types of tubes) and including antenna system. I On file. × × 26. (a) Give make, type number and/or describe the frequency monitor or other fre- × quency measuring instrument <u>General Riectric Type BM-1-A</u> (b) Rated accuracy (in cycles at, or percentage of carrier frequency) - Topo cycles + 500 cycles of the adjustment to extend to only . on file. (c) How often will the station frequency and monitor calibration be checked with a frequency standard of known accuracy? When stationia mistally. Alwayto when deemed weessony. (0 kg)

3/ See footnote 3 on page 2.

	ve make, type number, and/or describe the modulation monitor or modulation asuring equipment <u>Seneral Electric</u> Type BM-1-A
Gi	ve the following with respect to the proposed antenna system:
(a)) Type of antenna Single Ring
	(1) Number of elements (bays, etc.) One
	(2) Make General Electric (3) Type No. (If any) BY-18
	(4) Antenna field gain (5) Polarization _ Horizontal
(ъ)	Vertical dimensions of radiating portion of antenna system_founder the
(c)) Over-all height of antenna structure above ground level <u>80</u>
(a)	Over-all height above mean sealevel /0 //
	Height of substructure or building on which antenna is to be located
	60ft. Briefly describe the supporting structure
	foot steel pipe mounted on roop of building.
(f)	Is the antenna constructed so that obstruction lighting may be installed
A.	and maintained at the uppermost point? Can be added if nece
60,	(Such lighting mey be required at the time of installation or at a later date.)
(g)	If the antenna system is not fully described in the above, give complete details in an attachment. If a directional antenna is proposed, submit polar diagram giving the free space field intensity in millivolts per mete at one mile in all directions, together with supporting data, operating constants, method or basis of calculation and sample calculations.
(h)	Give the following information with respect to the transmission line used to supply power to the antenna from the transmitter:
	(1) Make Amphenel (2) Type No. RG-17 LI
	(3) Description <u>Solid dielectric coax</u> Size 7/8

		- 17 -			
	(i)	Attach photographs ³ /taken of the proposed location of the antenna, showing clearly the character of the surrounding terrain. (Photographs should show adjacent buildings and terrain and should be taken in at least eight directions from the site.) (While 5)			
29.	Giv	e estimated initial costs of making installation for which application is made			
	(1)	Transmitter proper, including tubes \$			
	(2)	Antenna system, including antenna, supporting structure, coupling equip-			
		ment, and transmission line \$ 100			
	(3)	Frequency and modulation monitors \$ (included in transmitter Price)			
		Studio technical equipment; microphones, transcription equipment, etc.			
		\$1500			
	(5)	Acquiring land \$			
		Acquiring or constructing buildings \$			
	(7)	Other items: State nature \$ Crystals and tuning transmitter and			
1	(8)	Monitor to frequency 250 Total \$ #7-858			
30. Description of proposed station location:					
	(a) Transmitter location: State Kansas County Franklin				
		City or town Ollawa Street and Number ### 9th+Poylar.			
		N. latitude: Degrees 38, minutes 36, seconds 10 W. longitude: Degrees 95, minutes 16, seconds 05			
	(ъ)	Number of persons residing within one-half mile of proposed transmitter:			
		<u>3,000</u> ; within three miles <u>10,000</u>			
	(c)	The following commercial or government RECEIVING station antenna systems are known to be located within 3 miles of proposed transmitter location.			
	(d)	Give name, location of, and distance to all AIRPORTS within 10 miles of Ollowo municipal disport South ollow Smile. proposed transmitter location. <u>Concerd</u> Fill Mark Ottow, Tuiles			

 $\underline{3}$ / See footnote 3 on page 2.

- (e) Give name and distance to center line of any established AIRWAYS within 10 miles of proposed location. <u>I miles & Center & Preen Aniway 109</u>. <u>I miles & Center & Amber Cinway 10.4</u>.
- 31. (a) Attach a topographic map showing the topography of the area within 15 miles of the transmitter site. (24 hibi (6)

(b) Attach a map or maps showing $\frac{3}{3}$ (Subject 7)

- (1) Proposed location.
- (2) General character of the surrounding area, showing the business manufacturing, residential and unpopulated areas (by symbols, cross-hatching, colored crayons, or other means).
- (3) The height of buildings or other structures and terrain elevations in the vicinity of the antenna, indicating the location thereof and any markings for air navigation thereon.
- (4) Location of airports, airways and other known radio stations.

32. (a) Proposed location of main studios:

State Kansas County Tranklin City or town allowas Street and number 9th + Ropla (b) Proposed location of other studios______

(c) State proposed percentage of programs to be originated at each studio; how this will be determined and by whom?

- 90 20 from the Control station studios. The other 10 50 will be unate programs from scattered by public interest & Determined by the station manager

33. (a) There are attached hereto the following-described and identified exhibits which have been prepared by applicant or by or under the direction of the officer or officers of applicant whose respective names and official titles appear opposite the exhibit prepared by each. (List here all exhibits attached to the application.)

Description of Information Official Name of officer by whom Exhibit No. or under whose direction titla exhibit was prepared. 1 Articles Incorporation Constitution, R. B. Matin - fresident and By laws attacher of the R.n. Bundy ance theet 2 plans, and programs W. D. Bennes 7. D. B. ewice grea Clar ____ w .D mes ographie mars - W-D. (b) State name and qualifications of person or persons under whose direction paragraphs 22 to 31, inclusive, hereof were prepared. Nr. D. Bennets, lay. Head & Decartion of Ships Close licens. 34. If the construction permit is granted, the construction will be commenced within <u>30</u> days of the granting thereof and will be completed and the sta-

tion ready for operation within ______ /80 _____ days thereafter.

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35. The applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise and requests a construction permit in accordance with this application.

Dated thic day	of	, 19
		wa University
	(Must correspon	nd with Item 1) Applicant
	Ву	
		Official.
Subscribed and sworn to before me this _	day of	, 19
<u>/Seal</u> 7		
~~ 성장 방법이 취직 것으로 모두 가지 않는 것은 가지가 있었다. 지, - 사람은 지 모두 가장 가지는 것은 것은 것은 모두 가지 않는 것을 것으며 해주셨다. 것은	Notary	r Public
(Notary public's seal must be affixed wh of jurisdiction requires, otherwise sta law does not require seal.)		
My Commission expires		

(Be sure all necessary information is furnished.)