FCC Form 301 May 1956	Form Approved Budget Bureau No. 52-R014.13		File				
Section I FEDE APPLICATION FOI	UNITED STATES OF AMERICA RAL COMMUNICATIONS COMMISSION R AUTHORITY TO CONSTRUCT A NEW BROADCAST E CHANGES IN AN EXISTING BROADCAST STATION	Name and post	office ad	dress of	applicent (See Ins	struction D)
STATION ON MEANING	INSTRUCTIONS						
AM (standard), comme broadcast station, or	o used in applying for authority to construct a new ercial FM (frequency modulation), or television to make changes in existing broadenst stations. I this part, Section I, and the following sections:	Send notices the post offi					named person at un above
Section II. Legal O	unlifications of Broadcast Applicant	1. Requested	facilitie	s			
	al Qualifications of Broadcast Applicant	Frequency	Channel No.	Power Night	in kilowat	ts	Minimum hours operation daily
Section IV, Statemen	nt of Program Service of Broadenst Applicant		1 90 17				
Section V-A, Standar	rd Brondenst Engineering Data	liours of	operation	T., .		lau.	
Section V-B, FM Bro	adeast Engineering Data	Unlimited Daytime only		Sharing (Specify	Stations)	Other (Spec	r cify)
Section V-C, Televis	sion Broadcast Engineering Data	Limited					
Section V-G, Antenn	a and Site Information	Type of stati	on the Sta	ndurd D	. Tolovicio		
	es of this form and all exhibits. Swear to one copy two additional copies (a total of five) of Section	Type of Stati	on (as acc	maara, ra	, lelevisit		
	exhibits. File all the above with Federal Communi-	Station 1	ocation		 _		
Cations Commission,	Washington 25, D. C.	City			State		
form and list each ex-	erially in the space provided in the body of the hibit in the space provided on page 2 of this	2. If author	ity to mak	e changes	in an exis	ting s	tation is
	of preparation of each exhibit, antenna pattern, and whom each photograph was taken.	(a) Present	Cacilities	· · · · · · · ·			
exact corporate name	pplicant stated in Section 1 hereof shall be the , if a corporation; if a partnership, the names of all s under which the partnership does business; if an	Frequency	Call	No. -	Power in ki	lowatt: ny	s Minimum hour operation daily
	intion, the name of an executive officer, his office;	hours of	operation				
	association. In other Sections of the form the name of the identification of the applicant.	Unlimited Daytime only		Sharing (Specify	with y Stations)	Other (Spec:	
	for by this application which in already on file	Limi ted					
	(except that called for in Section V-G) need not be ation provided (1) the information is now on file in		location	L			
(2) the information is	r FCC Form filed by or on behalf of this applicant; identified fully by reference to the file number (if	City			State		
	mber, and the filing date of the application or other aformation and the page of paragraph referred to,	(b) If this ap	plication is	for change	e in an exis	ting aut	horization, com-
	the reference, the applicant states: "No change Any such reference will be considered to incor-						all substantial rapplications or
porate into this applie	ention all information, confidential or otherwise,	reports. In the	spaces bel-	ow chock S	Sections subs	nittod h	crewith and as to
application or other fo	ication or other form referred to. The incorporated orm will thereafter, in its entirety, be open to the	taining the requ	ested infor	mation in d	coordance w	ith Inst	tion or report con- ruction E. (If con
public.		templated expension III only					
	nust be executed by applicant, if an individual; by	changes not inv				frequen	ncy, change in
	, if a partnership; by an officer of applicant, if a stion; or by atterney of applicant only under con-						
	ion 1.303, Rules Relating to Practice and Pro-	Section No.		. Refere	nce (File o	r Form	No. and Date)
	nt satisfactory evidence of disability of appli- rom the Continental United States and authority	Section I					
of attornoy to act mus	at be submitted with application.	Section I					
	this application, the applicant should familiarize	Section V	400		3855		
	nunications Act of 1934, as amended, Parts 1, 2, 3 sion's Rules and Regulations and the Standards of action.	lave there be in the inform application by	ation incom	porated :	in this	Ye	es No
		3. If this m				grant	of another
ARE FULLY ANSWERED. PLICABLE, SPECIFICALI	SARY INFORMATION IS FURNISHED AND ALL PARAGRAPHS IF ANY PORTIONS OF THE APPLICATION ARE NOT AP- LLY SO STATE. DEFECTIVE OR INCOMPLETE APPLI- INFO NATURAL CANSIDERATION	pending appli number of oti	cation, s	tate name	of other a	mplican	nt and file

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2. 41/20				
FCC Form 301				Section I, Page 2
United States	because of the previous	nim to the use of any particular ous use of the same, whether by on 304 of the Communications Ac	license or otherwise, and reques	ainst the regulatory power of the its an authorization in accordance
	represents that this lication with-which it		the purpose of impeding, obstructi	ng, or delaying determination on
		ication and attached exhibits proporated herein as if set out	are considered material represent in full in the application.	ations, and all the exhibits are
The applicant as to all mat	, or the undersigned o ters which are relevan	on the applicant's behalf, star at to this application and that	tes that he has endeavored to supp the has done so as to all matters	ly full and correct information ; within his own knowledge.
Dated this	day of	, 19		
			(Name of	Applicant)
			Ву	
Subscribed an	d sworn to		T	itle
before me thi	s day of		Notary	Public
(SEAL) (Notary publi	c's seal must be affix	red where the		
_	diction requires, others not require seal.)		ssion expires	
	is represented by legg g counsel, state name	ul		
	ished as required by t		- (1) by the - (2)	Official title
Editort No.	No. of Form	whose direction exhibit w	ec (1) by whom or (2) under was prepared (show which)	Official Citie
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FOC Form 30:	1			Section I, Page 2
United States	s because of the previo		ar frequency or of the ether as ag y license or otherwise, and reques ct of 1934).	
	t represents that this plication with which it		the purpose of impeding, obstructi	ng, or delaying determination on
		ication and attached exhibits rporated herein as if set out	are considered material represent in full in the application.	ations, and all the exhibits are
			tes that he has endeavored to supp t he has done so as to all matters	
Dated this	day of	, 19		
			(Name of	Applicant)
			By	
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Subscribed a	nd sworn to			
before me th.	ls day of	, 19		
(SEAL)			Notary	Public
	lc's seal must be affix sdiction requires, othe			
that law do	es not require scal.)	My comm.	ission expires	******************************
If applicant	is represented by lega	1		
or engineering	ng counsel, state name			
EXHIBITS fur	nished as required by t			
Exhibit No.	Section and Para.		ee (1) by whom or (2) under was prepared (show which)	Official title
	4.77			

Broadcast Application	T.F	GAL QUALIFICATIONS			Pagaina II D
10. (Continued)					Section II, Page 2
e. Is there now pending in any application any action involvi	ng any of the matte	rs referred to in Para	graphs 10a, t, c,	and d above?	Yes No
f. Have voluntary proceedings ings in bankruptcy ever been to	roight against appl	leant or any party to	this application?		Yes No
g. Are there outstanding any u this application?	nsatisfied judgment	s or decrees against a	pplicant or any p	arty to	Yes No
 If the answer to any of the the persons and natters involved which the proceeding was based 	ed, identifying the	court airl the process	ing (by dates and	file tambers) sto	disclosure concerning ting the facts upon
	C	ORPORATE APPLICANT			
INSTRUCTION: If applicant is a	corporation, answer	r paragrapies 11 to 16,	inclusive.		
11. Stock of corporation					
(a) Class of stock (b) Inr vi	lue (c) Vote per share	(d) No. shares authorized	(e) No. shares issued	(f) No. shares subscribed	(g) Total ranter stockholders
12. At the last meeting of stort	diolders were any st	wres of stock voted b	y proxy?		Yes . No .
Class of stock No. of shares	s Feeting date	No. voted by stock- holders in person	No. voted by proxy		ch proxy voting 1 per- e of each class
13. In connection with the stock form, is the beneficial owner of				seriber?	Yes \ \ \ NO \ \
ficial owner, (c) the condition copy of any contract or other 11. Its applicant any other obl- rights either absolutely or up	listricent relating	to such conditions.			such stock, and (d) a
If so, subsit as Exhibit No number of units authorized, (d) sued, (f) the conditions or co ties have been voted or entitle	the number of unit ntingency upon which	h such securities may	ing, (e) the number he voted, and (g)	er of units, if any facts showing whet	, proposed to be is-
15a. Is applicant corporation,	directly or indirec	tly, controlled by and	ther corporation o	or legal entity?	Yes No
b. Is 10 percent or more of the or legal entity?	e stock of applica	nt corporation owned b	y another corporat	ion	Yes No
c. If the answer to any of the legal entity, and submit as E (b) with respect to such other tion requested in Tables I and	chibit No. (a)	a statement of how suc gal entity, a statemen	h control, if any,	exists and the ex	tent thereof, and
16. Is the corporation or legal	entity named in pa	ragrapi: 15 in turn a s	ubsidiary?		Yes No
If so, state below the name each such corporation or legal this section, to and including	of such other paren	nt corporation or lega aragraphs 11 to 16, ar	l entity, and subm	rit as Exhibit No. requested in Table	a statement for s I and II of
		SSOCIATION (OR OTH			
INSTRUCTION: If applicant is a tion, answer paragraphs 17 and		sociation or a legal e	ntity other then a	n individual, part	mership or corpora-
17. State the nature of the app	licant, cite the la	ws under which organiz	ed, and submit as	Exhibit No. a	copy of such laws.
		oldina onamarchi-	ntonget in the am	nligent	
18. State the total number of m	empers or persons h	orning any ownership	merest in the ap	PARCELLE.	

Table I

INSTRUCTIONS: If applicant is an individual, fill out columns (a) and (b) stating (a) applicant's name and residence (home) address or addresses, and (b) applicant's date and place of birth. If applicant is a partnership, fill out columns (a), (b), (c) and (g), stating as to each general or limited partner (including silent partners): (a) name and residence (home) addresses or addresses, (b) date and place of birth, (c) nature of partnership interest (i.e. general or limited), and (A) percent of ownership interest. If applicant is a corporation or an unincorporated association. fill out all columns, giving the information requested as to all officers, directors and members of the governing board. In addition, give the information as to all stockholders, stock subscribers, holders of membership certificates or other ownership interests, unless the applicant has more than 21 stockholders, stock subscribers or holders of membership certificates or other ownership interests, in the information as to all persons owning 3 percent or more of the capital stock, membership interest, and all persons who voted 3 percent or more of such stock or interest at the last meeting of stockholders, members or owners. If applicant is a corporation or unincorporated association, state in columns (A) the percent of voting stock or voting interest held, (d) whether or not the individual is a director or member of the governing board (Yes or No), (c) the number of shares of stock of all classes or membership interests subscribed for.

NAME AND RESIDENCE (home) ADDRESS(es)	DATE AND PLACE OF BIRTH	NATURE OF PARTNERSHIP INTEREST OR OFFICE HELD	DIRECTOR OR MEMBER OF GOVERNING BOARD (Yes or No)	OR NO. M	ES OF EACH OF STOCK EMBERSHIP IP INTERESTS	PERCENT OF OWNER- SHIP OF PARTNERSHIP OR PERCENT OF VOTING STOCK OR MEMBERSHIP
			411	Now held	Subscribed	
(a)	(6)	(c)	(d)	(e)	(1)	(8)
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Broadcast Application	LEGAL QUALIFICATIONS	Section II, Page 4
применения применения	Table II	Section 11, rage 7
	BUSINESS AND FINANCIAL INTERESTS	
the applicant and of each party to state the principal occupations a state any other business or fins each case, state in column (b) the	Table II is to obtain information concerning the occupation, business, and financial interest to this application named in Table I. In column (a) list the names of all individuals or organ and businesses in which each party named is engaged at the present time or has been engaged ancial enterprise in which such party has now or within the past 5 years has had either a 2 he firm name, the principal place of business, and the nature of the business engaged in. In the name of each such other person. In column (c) state the extent and nature of the interest.	nizations listed in column (a) of Table I. In column (b) d at any time during the past 5 years, and, in addition, 5% or greater interest or any official relationship. In case the party has been associated in hysiness with any
(a) Name of party	(b) Firm name, principal place of business, and nature of business	(c) Extent and nature of interest, etc. (giving dates)

Broadcast Application	LEGAL QUAL	IFICATIONS	Section II, Page 5
OTI	ER BROADCAST INTERESTS (See	instructions on page 1)	
19. Does applicant or any party		has applicant or any such	
party had, any interest in, or			
(a) Any standard, FM, or telev			Yes No
(b) Any application pending bef			Yes No
	een denied by the Federal Communi		Yes No No
	icense of which s been revoked?		Yes No
		"Yes", show particulars in the ta	ble below:
(1) Name of party having such interest	(2) Nature of interest or connection (giving dates)	(3) Call letters of station or file number of application	(4) Location
type referred to in Paragraphs particulars. 21. (a) Are any of the parties to mother, brother, sister, son or (b) Does any member of the in sister, son or daughter) of any with any other broadcast station	or connection with any broadcast us(a) to (d)? If so, submit as he this application related to end daughter)? Interior family (i.e., husband, we party to this application have an or pending application?	station or application of the chibit No. giving full the other (as hasband, wife, father, life, father, mother, brother, my interest in or connection	Yes
(c) If answer is "Yes" to ei such interest or connection, (d of station or proposed station	name of applicant or call lette	numes of the persons, (b) relations rs of station, (e) file number of a	hip, (c) nature and extent of pplication and (f) location
	OWNERSHIP AND CON	TROL OF STATION	
arrangements or negotiations, w	this paragraph information as to itten or oral, which relate to t unswered in the light of this ins	contracts and arrangements now in he present or future ownership, con truction.	existence, as well as any trol or operation of the
(a) Applicant's control over	the station is to be by reason o	f: (Indicate by check mark)	
Ownership	Lease		ther authority
(b) Name and address of the c (if other than the applic	owner of the station	(c) Will the applicant have and man absolute control of the station equipment, and operation, include the programs to be broadcast?	n, its uding complete supervision of
(d) Are there any documents, management, use or control of the	instruments, contracts or unders me station or facilities, or any	tandings relating to ownership,	Yes No
If so, attach as Exhibit No. state the substance of oral conf		, instruments or contracts and	

FOC Form 301	Section II, Page 6
Additional Information to be Supplied by Applicants for Noncommercial Educational Television Broadcast Stations	Name of Applicant
1. (a) Describe clearly and in detail the character of the	applicant (a public or private educational institution; a state, coard of education, school board, school district or other department
(b) If applicant is a private educational institution, s incorporation or other authority under which it was organize	
(c) If amplicant is a nublic educational institution, so amendments thereof) under which it was created with an appr	
(d) If the applicant is a political subdivision, or a bocertified copy of the laws (and arendments thereof) under wappropriate citation as to the source thereof.	pard, department or unit thereof, submit as Exhibit No. a which said subdivision, board, department or unit was created with an
2. State whether applicant is a nonprofit educational insti- and by what authority.	itution or organization. If an institution, whether it is accredited,
H. If amplicant is a state or a political subdivision there having autonomy in carrying out amplicant's educational order.	eof, does it have an independently constituted educational body, gram? Yes \ No \
 (a) If the execution of this amplication was duly author governing body. 	rized by a governing body, give date and place of the meeting of said
	the resolution showing that: (1) a quorum of members having authority by the members required, and (iii) the officer executing the appli-
in detail all facts concerning the authority of the applica	ereof, or is a board, department or unit thereof, set forth fully and ant to construct and operate a noncommercial educational television of furble for the construction of such station, including whether such otherwise be made available.
(b) Submit as Exhibit No. a certified copy of the evidencing the above facts.	the statute, resolution or other authority (and amendments thereof)

roadcast Applica	CAOB	FB	DERAL COMM	UNICATION	IS COM	ISSION			Section III
FINANCIAL (OF BROADCA	DALIFICATIONS AST APPLICANT		Name of App						
The Commission is so any arrangements or must be answered in	TOPOCIACIONE 1 M	LITCOGII OL	OLGI WHILL	formation relate to	as to o	contracts an esent or fut	d arrangements wre financing	now in exist of the statio	tence, as well as on; the questions
1. a. Give estimate completed work, the shown must be the freight. Cost item "Other Items" belo	e facts as to st costs in place a ms such as profe	ich contrac ind ready f	ct must be st for service.	tated in 1: including	ieu of e the amo	stimates as ants for la	to the severa	l items. In	any event, the cos
Transmitter princluding tu	•	round syst	stem, includi tem, coupling answission li	z equipment			nry and on monitors	micropho	echnical equipment, nes, transcription ipment, etc.
S		s				s		s	
Acquiring land	Acquiring, reing, or consting buildings	ruct-	Other items 1	Itemize	Т	otal	Give estimate operation	m for	Give estimated revenues for first year
s	s	5	8		s	-	s		s
									statements as to th
approximate an costs should t event operation		and paid f exceed the ld exceed	for from each original es	i source.) itimated co	The fi	nancial pla	n should provi be early opera	de for any ar	iditional construct
approximate an costs should t event operation	to be not to be not the notual cost or expenses show	and paid for exceed the ld exceed Loans f	or from each original es operating re	source.) Limited ec	The first, and	nancial pla also for t	n should provi he early opera	de for any action of the s	dditional construct station in the
approximate as costs should to event operating Existing Capital	New Capital	and paid for exceed the lid exceed Loans for one of S	for from each coniginal es operating re from banks others	source.) stimated convenues: Profit from exist operation	The fi	nuncial pla also for t Donation	n should provi be early opera Credit payme	de for any action of the s , deferred nts, etc.	ditional construct station in the Other sources (specify)
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approximate as costs should to event operating Capital Existing Capital 2. a. Attach as I the application s	New Capital S Exhibit No. Showing applicant clearly definitions.	and paid fexceed the lid exceed Loans for one of States and the lide of the li	for from each original es operating re operating re from banks others I balance size that position in respective showing the y	Profit from exist operation S eet of applications, a greatly net	The first, and	nancial pla also for t Donation is at the cl and composi is Exhibit N	n should provine early opera Credit payme S ose of a month tion of any as o. schedul	de for any action of the s , deferred nts, etc. within 90 de sets and lial es which give , for each of	Other sources (specify) S ays of the date of collities on the balls a complete an-
approximate as costs should to event operating Existing Capital 2. a. Attach as I the application as caree sheet are nalysis of such in b. Attach as Exhreceived by applications applications and the control of the control of the control of the cost of the co	New Capital S Schwing applicant clearly definers. Ibit No. a s Icant from the v	and paid fexceed the ld exceed ld exceed loans for one of section of the latest leading to the latest lates	for from each original establishment of the control	Profit from exist operation S ent of applications, a greatly net lity in which	The first, and	nancial pla also for t Donation is at the cl and composi is Exhibit N after Fode is engaged o	n should provine early opera Credit payme Some of a month tion of any as o. schedul ral income tax r from any oth	de for any action of the s , deferred nts, etc. within 90 de sets and lial es which give , for each of er source.	Other sources (specify) Says of the date of illities on the bale a complete an-
approximate as costs should in event operating Existing Capital 2. a. Attach as I the application same sheet are no alysis of such in b. Attach as Exhreceived by applications from the firm of the f	New Capital Sexhibit No. Showing applicant clearly definition. Site of the control of the con	and paid fexceed the lid exceed Loars for one of Standard the standard	for from each original es operating re operating re from banks others It balance size that position is respective showing the years of activities respect to it.	Profit from exist operation S ect of application titles, a genry net ty in which the application of the appl	The first, and	Donation Bonation Bonation S at the cland composits Exhibit N after Fedes engaged of the a	n should provine early opera Credit payme Some of a month tion of any as o. schedul ral income tax r from any oth	de for any action of the s , deferred nts, etc. within 90 de sets and diales which give , for each of er source.	Other sources (specify) Says of the date of dilities on the ballities of the past 2 years, all items, specifically the ballities of the balli
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approximate as costs should to event operating the control of the control of the application of such it is application of such it is Attach as Exhreceived by application of the control o	New Capital S Schibit No. Though applicant clearly definitions. Ibit No. a scent from the vollowing informations on deposit in the part	and poid fexceed the lid exceed the lid exceed lid exceed lioans for our search for our search lid exceed by their statement search with the bank or live in whose life exceed by their limits type their limits like their like th	for from each original es operating re from banks others It belance size that position for respective showing the years of activities of activities of activities the position of the modern deposition dep	Profit from exist operation set of applications; If the titles, a searly net ty in which applications are applications.	The first, and strong in the first and states attach a tracare, the want only b. A tracare to the first and the fi	Donation bonation s at the cl and composi is Exhibit N after Fede is engaged o . If the a	should provine early opera Credit payme Some of a month tion of any as to. schedul ral income tax of from any others of the base of the	de for any action of the s , deferred nts, etc. within 90 de sess and lial es which give , for each of er source. " to any or a nk in which o	Other sources (specify) Says of the date of dilities on the ballities of the past 2 years, all items, specifically the ballities of the balli

FUNDS, PROPERTY, ETC., TO BE FURNISHED BY PARTIES CONNECTED WITH APPLICANT OR BY OTHERS

- 4. Submit as Exhibit No. a statement setting forth the full name and address of each person (whether or not connected with applicant, but including partners, shareholders, or subscribers to capital stock of the applicant) who has furnished or will furnish funds, property, service, credit, loans, donations, assurances, or other things of value, or will assist in any other manner in financing station. For each person (other than financial institutions or equipment manufacturers) who has furnished or will furnish one percent or more of the total of things of value excluding loans from financial institutions and equipment credit supply the additional information requested in a to g below. For financial institutions or equipment manufacturers, supply the additional information requested in h below. ("Furnish" or "furnished" as herein used includes payments for capital stock or other securities, loans and other credits, gifts and any other contributions.)
 - a. A description of that which has been or will be furnished by each person showing the value thereof and any encumbrances thereon.
 - b. If the funds or other things of value proposed to be used for the purchase or construction of the station have been acquired for that specific purpose, indicate the source or sources thereof.
 - c. For each person who has agreed to furnish funds, purchase stock or extend credit, submit a verified copy of the agreement by which each person is so obligated, showing the amount, terms of repayment, if any, and security, if any.
 - d. For each person (except financial institutions) who has agreed to furnish funds or purchase stock, but who has not already done so, submit a balance sheet or, in lieu thereof, a financial statement showing all liabilities and containing current and liquid assets sufficient in amount to meet current liabilities (including amounts payable during the next year on long term liabilities) and, in addition, to indicate financial ability to comply with the terms of the agreement. The balance sheets submitted should segregate receivables and payables to show the amounts due within one year and those due after one year. The term current and liquid assets refers to items such as cash, or loan value of insurance, government bonds, stocks listed on major exchanges etc., or other assets which may be readily used or converted to provide funds to meet the proposed commitments. Assets such as accounts receivable, which result from normal operation of a business, stocks of close corporations, timberland, building lots, etc., are not considered as a readily available source of funds without a specific showing that such assets will provide funds to meet proposed commitments. If a balance sheet does not clearly indicate liquid assets sufficient in amount to meet current liabilities and in addition, proposed commitments, it should be supplemented by a statement showing the manner in which non-liquid assets will provide such funds. Any financial statement furnished in lieu of a balance sheet should, likewise, describe assets relied on to provide funds, in sufficient detail to permit a determination of current position and should be more than a more statement of total assets and total liabilities or a statement of net worth.
 - e. As to each person who has or has had in the past 5 years an interest of 25% or more in any business or financial enterprise or any official relationship to any business or financial enterprise, give full and complete disclosure of the enterprise, the name and principal place of business, the character of business engaged in, and the nature and extent of the interest in or relationship to such business.
 - f. Net income after Federal income tax, received for the past two years by each person who has furnished or will furnish funds, property, service, credit, loans, donations, assurances, or other things of value. (A statement that income for the required periods was in excess of a certain specified amount will be sufficient.)
 - g. If applicant or any person named in the exhibit has pledged, hypothecated or otherwise encumbered any stocks or other securities for the purpose of providing applicant with funds for construction of the station herein requested, submit a statement explaining each such transaction.
 - h. For financial institutions or equipment manufacturers who have agreed to make a loan or extend credit, submit a verified copy of the agreement by which the institution or manufacturer is so obligated, showing the amount of loan or credit, terms of payment, if any, and security, if any.

Bro	adcast Application	FEDERAL COMMUNICA	TION	S COMMISSION	Section IV
	STATEMENT OF PROGRAM SERVICE OF BROADCAST APPLICANT	Name of applican		3 00.11100101	Deetles IV
		NOTICE TO AL	L APP	ICANTS	
res the	replies to the following questions constitutioning the application. It is not expected that it is not	ed that licensee will presentation will co ed to the preparation	l or	can adhere inflexibly in day-to-day ute, in part, the basis upon which	operation to the rep- the Commission acts on
2.	Paragraphs 1 to 4 are divided into a left- proposed operation. Applicants for new si- hand column while applicants for authoriza Program data on past performance are to be the case of renewal applications where the comprising the composite week of each year Program classifications incident to the re Page 4 of this Section. Assignees or transferees filing FCC Form 31	tations or assignees ations for renewal of the based on the composity year preceding the will be designated applies to Paragraphs	or to or to f existing ite wexpire by pu 2, 3,	is to past operation and a right-har ransferees of existing stations are ting station licenses are to fill seek for the year preceding the data ation date of the existing license blic notice on or about November 11 and 4 below, are to be in accordan	to fill in only the right- in both columns. of application except in is to be used. The days ith of that year.
PAS	r OPERATION		PRO	POSED OFFERATION (for a typical week)
th	(a) State actual minimum weekly schedule of present authorization, giving opening and tal hours for weekdays and Sunday.		se	State minimum weekly schedule of or e, permittee, assignee or transfer- osing time and total hours for week	ee, giving opening and
	(a) State for the composite week the perces devoted to each of the following types of equal 100%.		fo or lt ar	State the percentage of time to be allowing types of programs for a presention under the authorization re 0%. Attach program schedule for d indicate thereon the class of each paragraph 4(b).	oposed typical week of quested (totals to equal this proposed typical week
(1)	Entertainment (include here all programs which are intended pri- marily as entertainment, such as music, drama, variety, comedy, quiz, breakfast, children's, etc.)	Я	(1)	Entertainment (include here all programs which are intended pri- marily as entertainment, such as music, drama, variety, comedy, quiz, breakfast, children's, etc.	
(2)	Religious (include here all ser- mons, religious news, music, and drama, etc.)		(2)	Religious (include here all sermons, religious news, music, and drama, etc.)	
(3)	Agricultural (include here all programs containing farm or mar- ket reports or other information specifically addressed to the agricultural population)		(3)	Agricultural (include here all programs containing farm or mar- ket reports or other information specifically addressed to the agricultural population)	
(4)	Educational (include here pro- grams prepared by or in behalf of educational organizations, exclusive of discussion programs which should be classified under (6) below)	%	(4)	Educational (include here programs prepared by or in behalf of educational organizations, exclusive of discussion programs which should be classified under (6) below)	%
(5)	News (include here news reports and commentaries)	, X	(5)	News (include here news reports and commentaries)	**************************************
(6)	Discussion (include here forum, panel and round-table programs)	%	(6)	Discussion (include here forum, panel and round-table programs)	×
(7)	Talks (include here all conver- sation programs which do not fall under Points (2), (3), (4), (5), or (6) above, including sports)	%	(7)	Talks (include here all conversation programs which do not fall under Points (2), (3), (4), (5), or (6) above, including sports)	%
(8)		<u> </u>	(8)		%
			(9)		,
(9)		70	10,		76

	cast Application			STATEME	ENT OF PR	OGRAM SERVICE		Section	on IV,	Page ·2
spec 15 m broa call	a) Dividing the broadcast of the broadcast of the broadcast of the broadcast of the broadcast (exclusive of non-confletter aunouncements and paining programs):	i minute pe omposite we mmercial sp	eriods w eek in w oot anno I announ	ithin su hich wer uncement cements	ich e s, for	(b) State what the pract to the number and len given period.	dce of the static gth of spot annou	n will be incements	with allowed	respect d in a
			No.	of 14% n						
	No spot announcements or commercial continuity									
(2)	One spot announcement									
(3)	Two spot announcements				,					
(4)	Three spot announcements		*****							
(5)	Four spot announcements		*******		H2-1					
(6)	Five or more spot announcer	nents								
-	Total number of 142 mi	inute								
merc	periods e the number of spot announ ial spot and call letter as necessarise for sustaining pro	nnouncement	exclusive ts, and p	promotic	r-com-					
	osite week which exceeded of definition of spot announce		in leng	th	- 1					
	exact number of spot announ	1				onar amouncements for so	Statition brokeaus			
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Ditta	dcast Application	STATEMENT OF P	ROGRAM SERVICE Section IV, Page 3
posi logs	(a) Attach as Exhibit No. of the program log for the sevente week analyzed in the preceding are submitted they will be return	g paragraphs. (If original ned.)	8. If this application is for an FM authorization, will the programs of any AM station operating in the same area be duplicated? If the answer is yes,
	(b) What year's composite week had paragraphs?	s been analyzed in the fore-	(a) How many hours per day will be devoted to duplicated programs?
affi	nill the proposed station be lliated with any network? the answer is "Yes", give the nam	Yes No ne of the network.	(b) Call letters and location of the AM station
poli the type	Attach as Exhibit No. a ley to be pursued with respect to discussion of public issues, inc s of programs to be broadcast and jects and participants.	luding illustrations of the	(c) What kinds of programs (musical, sports, etc.) will be duplicated?
			9. State the average number of hours per week which will be used in advertising or promoting any business, profession or activity other than broadcasting in which the applicant is engaged or financially interested either directly or indirectly. If this is an application for renewal of license, show this data for the past license period also.
			10. If the data furnished in response to the questions in this Section IV do not in the applicant's opinion adequately reflect station operation, attach as Exhibit No. a statement setting forth any additional program data that the amplicant desires to call to the Commission's attention. (If the applicant feels that the program material classified in Paragraph 2 is susceptible of classifications other than those listed be
			may supplement Paragraph 2 with an explanatory statement in this Exhibit.)
11.	If this application is for a tell if "Yes", will programs be:	Network Lo	this Exhibit.) programs be brondcast in color? Yes No Cal Live Local Slide
11.	If "Yes", will programs be: State applicant's general plans commercial, technical, etc.), ar	Network Local Loca	this Exhibit.) programs be broadcast in color? Yes No
_	If "Yes", will programs be: State applicant's general plans commercial, technical, etc.), ar	Network Local Loca	this Exhibit.) programs be broadcast in color? Yes No cal Live Local Slide coluding the number of employees in each department (i.e. program, itizenship of the general manager, station manager, program
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PROGRAM GLASSIFICATION

A commercial program (C) is any program the time for which is paid for by a sponsor or any program which is interrupted by a spot announcement (as defined below), at intervals of less than 14 1/2 minutes. A network program shall be classified as "commercial" if it is commercially sponsored on the network, even though the particular station is not paid for carrying it—unless all commercial announcements have been deleted from the program by the station. Cooperative programs furnished to its affiliates by a network which are available for local sponsorship are network sustaining programs (NS) if no local sponsorship is involved and are network commercial programs (NC) where there is local sponsorship even though the commercial announcement is made by the station's local announcer.

(It will be noted that any 14½ minute segment of a program which is interrupted by a commercial announcement is classified as a commercial program, even though the purchaser of the interrupting announcement has not also purchased the time preceding and following. The result is to classify so called "participating" programs as commercial. Without such a rule, a 15-minute program may contain 5 or even more minutes of advertising and still be classified as "sustaining". Under the proposed definition, a program may be classified as "sustaining" although preceded and followed by spot announcements, but if a spot announcement interrupts a program, the 14½ minute segment so interrupted must be classified as "commercial.")

 λ sustaining program (S) is any program which is neither paid for by a sponsor nor interrupted by a spot announcement (as defined below.)

A network program (N) is any program furnished to the station by a network or another station. Delayed broadcasts of transcribed programs or films, originated by networks are classified as "network" not "recorded." Cooperative programs furnished to its affiliates by a network which are available for local sponsorship are network sustaining programs (NS) if no local sponsorship is involved and are network commercial programs (NC) where there is local sponsorship even though the commercial announcement is made by the station's local announcer. Programs are classified as network whether furnished by a nationwide, regional, or special network or by another station.

A recorded program (R) is any program which uses phonograph records, electrical transcriptions, films, or other means of mechanical reproduction in whole or in part—except where the recording is wholly incidental to the program and is limited to background sounds, sound effects, identifying themes, musical "bridges", etc. A program part transcribed or recorded and part live is classified as "recorded" unless the recordings are wholly incidental, as above. A transcribed delayed broadcast of a network program, however, is not classified as "recorded" but as "network." A recorded or filmed program which is a local live program produced by the station and recorded for later broadcasting by the station shall be considered a local live program.

A wire program (h) is any program the text of which is distributed to a number of stations by telegraph, teletype, or similar means, and read in whole or in part by a local announcer. Programs distributed by the wire news services are "wire" programs. A news program which is part wire and in part of non-syndicated origin is classified as "wire" if more than half of the program is usually devoted to the reading verbatim, or virtually verbatim, of the syndicated wire text, and otherwise is classified as "live."

A <u>local live program</u> (L) is any local program which uses live talent exclusively, whether originating in the <u>station's studios</u> or by remote control. Programs furnished to a station by a network or another station, however, are not classified as "live" but as "network". A program which uses recordings in whole or in part, except in a wholly incidental manner, should not be classified as "live" but as "recorded." Wire programs, as defined above, should likewise not be classified as "live". A recorded program which is a local live program produced by the station and recorded for later broadcasting by the station shall be considered a local live program.

A non-commercial spot announcement (NCSA) is an announcement which is not paid for by a sponsor and which is devoted to a non-profit cause—e.g., war bonds, Red Cross, public health, civic announcements, etc. Promotional announcements should be classified as "non-commercial spot announcements" if the program promoted is a sustaining program; other promotional announcements should be classified as "spot announcements". Participating announcements should not be classified as "non-commercial spot announcements" but as "spot announcements." War bond, Red Cross, civic and similar announcements for which the station receives remuneration should not be classified as "non-commercial spot announcements" but as "spot announcements."

A spot announcement (SA) is any announcement which is neither a non-commercial spot announcement (as above defined) nor a station identification announcement (call letters and location). An announcement should be classified as a "spot announcement," whether or not the station receives remuneration, unless it is devoted to a nonprofit cause. Sponsored time signals, sponsored weather announcements, etc. are spot announcements. Unsponsored time signals, weather announcements, etc., are program matter and not classified as announcements. Station identification announcements should not be classified as either non-commercial spot announcements or spot announcements, if limited to call letters, location and identification of the licensee and network. Commercial continuity on sponsored programs is not classified as spot announcements.

Broadcast Application		FEDERAL COMMUNIC	CATIONS COMMISSION	Section V-A					
STANDARD BR ENGINEERIN		Name of applicant	The Contraction	decisor ()					
answer all paragraphs	a new station or for acter which will character which will character , otherwise complete	or any of the changes name coverage or increase only paragraphs 2 and	numbered B through F, complete all	enna structure more than 20 feet,					
A. Construct a ne	w station		H. Change frequency control equipment I. Change tubes in last radio stage						
C. [_] Change transmi	tter location		J. Change system of modulation						
D. Change frequen	су		K. Change transmitter						
C	te and antenna		L. Install auxiliary or a	lternate main					
=	e Authorization		transmitter						
of FM and T			N Other changes (specif) N Change studio location						
If this application i	s not for a new star	tion, summarize briefly	the nature of the changes propos	sed.					
			*						
2 Facilities requeste	d		10. Antenna system, including	ground or counterpoise					
Frequency	llours of operation		Non-Directional Antenna:	Directional Antenna:					
The second second		Night Day	Day Night	Day only (DA-D)					
			Day Night	Night only (DA-N)					
3. Station location				Same constants and power					
State	City or town			day and night (DA-1) Different constants or					
4. Transmitter location	n		(N = dl==================================	power day and night (DA-2)					
State	County		(If a directional antenna is proposed submit complete engineering data. Show clearly whether directional operation is for day or night or both. If day and night putterns are different give full information on each pattern. This information is in addition to the information in Paragraph 10 and is submitted as Exhibit No. and signed by the engineer who designed the antenna system.)						
City or Town	Street Address (of	other identification)	Type radiator	If antenna is either top loaded or sectionalized, describe fully as Exhibit No.					
5. Main studio location	n								
State	County		Overall height in feet above ground. (Without obstruction lighting)	Overall height in feet above mean sea level. (Without ob- struction lighting)					
City or Town	Street and number,	if known	Overall height in feet above	Overall height in feet above mean sea level. (With ob-					
6. Remote control poin			ground. (With obstruction lighting)	struction lighting)					
State	City or town	Y-12							
			Excitation	Series Shunt					
Street Address (or oth	er identification)		Geographic coordinates to near For directional antenna give of For single vertical radiator g	coordinates of center of array.					
7. Transmitter Make	Type No.	Rated Power	North latitude	West longitude					
(If the above transmitte the F.C.C., attach as E transmitter details. S and full details of fre- in licensed transmitter details of change.)	whibit No. howing should includency control. If	a complete showing of le schematic diagram changes are to be made	including any other antennas m isolation circuits as Exhibit not include obstruction lighti Submit as Exhibit No. Boundary lines, and roads, rallroad						
8. Modulation monitor									
Make		Type No.		sufficient number of serial photographs the altitudes and angles to permit identi- linity. The photographs must be marked exact boundary lines of the proposed					
y. Frequency monitor			night operation. Photographs take	n in eight different directions from an					
Make		Type No.	taken in clear weather at appropriate attutuous and angles to permit identi- floation of all structures in the vicinity. The photographs must be marked so as to show compass directions, exact boundary lines of the proposed site, and locations of the proposed 1000 my/m contour for both day and night operation. Photographs taken in eight different directions from an elevated position on the ground will be acceptable in lieu of the aerial photographs if the data referred to can be clearly shown.						

Broadcast Application STANDARD BROADCAS	T ENGINEERING DATA	Section V-A, Page
12. Attach as Exhibit No. map or maps (same map or maps st showing the following:	upplied for Paragraph 16 may be used)	having reasonable scales
(a) The 1000, 25, 5 and 2 mv/m contours, both existing and a (NOTE: The 2 mv/m nighttime contour need not be supplied		
(b) The normally protected contours of the station both existing and as proposed by the application for both day and night operation. When the application in- cludes 1 kilowatt nighttime operation on a regional channel both the 2.5 and 4.0 mv/m contours should be	contours for both day station to which object	protected and interference-free and night operation of each ctionable interference will be it to this interference from the by the application);
supplied; (c) The interference-free contours of the station both existing and as proposed by the application, for both day and night operation (including nighttime computed RSS for a Class IV station) if the station would be limited inside its normally protected contours by any other station or stations;	tions in (d) above, co	rence-free contours of the sta- onsidering the interference the station as proposed by the
 Attach as Exhibit No. a statement describing in detail graph 12 above (including conductivities, basis therefor and and other pertinent data.) 	the methods employed in determining how used, effective fields and how of	
14. Areas and populations		
Attach as Exhibit No. tables of Paragraph 12 above.	of the areas and populations within the	ne contours included in
(NOTE: See the Standard Broadcast Technical Standards. given in Section 3.182(g) are not to be included in the 1950 or later Census Minor Civil Division maps are to be cities not receiving adequate service, and where contour population within the division, to determine the populatis made.)	tabulation of populations within sused in making population counts seut a minor division assuming a	the service contours. The , subtracting any towns or uniform distribution of
	the above areas and populations.	
15. Attach as Exhibit No. a statement giving the hasis for		

I certify that I am the Technical Director, Chief Engineer or Consulting Engineer for the applicant of the radio station for which this application is submitted and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief. (This signature may be omitted provided the engineer's original signed report of the data from which the information contained herein has been obtained is attached hereto.)

Date _

Technical Director, Chief Engineer or Consulting Engineer

Broadcast Applicat	ion		FF	DERAL COMMUNICA	ATIONS COMMISSION		Section V-B			
FM BR	COADCAST RING DATA			of applicant						
1. Purpose of author	orization anni	ted for:	/Indica	te hy check mark	ark)					
(If application change E is of answer all para H, complete on)	is for a new a character wh graphs, otherw y paragraph 2	station or nich will c wise comple and the ap	for an hange of te only	ov of the changes overage or incre paragraphs 2 an	numbered B through D, complete hase the overall height of the an id 10 and the appropriate other p hiphs; for change I, complete only	tenna structure m aragraphs; for ch	ore than 20 feet, anges F through			
A- Construct					E. Change antenna system					
B. Change ef	iective radiat eight above av	•			F. Change transmitter					
	_	_			G. Install auxiliary or alt	ernate main				
C. Change tr		ation			H. Other changes (specify)					
D. [] CHARGE II.	equency				I. Change studio location					
If this is not	for a new stat	tion, summa	rize br	riefly the nature	of the changes proposed.					
2. Facilities requ	ested				10- (a) Antenna structure:					
Frequency	Effective		Antenr		Is the proposed construction		Yes No			
	radiated power in		height	: above e	immediate vicinity or does it serve to modify the construction of any standard broadcast station, FM					
	kilowatts		terrai		broadcast station, television broadcast station, or other					
3. Station location		011			class of radio station? If "Yes", attach as Exhib					
State		City or to	WП		complete engineering data thereon.					
4. Transmitter loca	ation									
State		County			Submit as Exhibit No. a vertical plan sketch for the proposed total structure (including supporting building if any) giving heights above ground in feet for all significant features.					
City or town	ity or town Street Address (fication)		iress (or other identi-		Overall height in feet above ground. (Without obstruction lighting)	Overall height in feet abormean sen level. (Without o struction lighting)				
5. Main studio loca	ation									
State		County								
City or Lown	or town Street address				Overall height in feet above ground. (With obstruction lighting) Overall height in feet above mean sea level. (With obstruction lighting)					
6. Remote control	point location					100				
State		City or to	wn		Height of antenna radiation level.	center in feet ab	ove mean sea			
Street Address (or	Street Address (or other Identification)				Geographical coordinates of antenna (to nearest second) North latitude West Longitude					
- m - 114					0 ' •					
7. Transmitter Make		Type No.		Rated Power	(A) And annual 3 (
				_	(b) Antenna data Make	Type No. or description	No. of sections			
Of the above transm the F.C.C., attach transmitter details and full details of in licensed transmi details of change.) 8. Modulation moni	as Exhibit No. Showing sho frequency con tter include s	ould includ	a compl e schem changes	lete showing of matic diagram are to be made	Effective free Antenna field Antenna power space field gain gain intensity at one mile in mv/m for one kilowatt antenna imput power					
Make		Ту	pe No.		Is horizontal malaricati	name and n				
					Is horizontal polarization points in "No", attach as Exhibit No complete engineering data on antenna and the effective raises.	the	es No			
9. Frequency monito	ur'	Ту	pe No.		power proposed. Is directional antenna propos	sed? v				
					Is directional antenna proposed? If "Yes", attach as Exhibit No. complete engineering data thereon.					

		LU DECATABLE	NGINEERING DATA	Section V-B, Page			
1. Transmission line prop	posed to supply	power to the antenna	15. Attach as Exhibit No.	map(s) (Sectional Aeronautica			
from the transmitter	Type No.	Description		e area proposed to be served and			
	Type No.	Beech appearen	(a) Proposed transmitter locat	ion and the radials along which			
Stan (namina) tuanguayan	V amakh dan	Poted officions	the profile graphs have be	_			
Size (nominal transverse dimension) in inches	Length in feet	Rated efficiency in percent for this length	(b) The 1 mv/m and the 50 uv/m (c) Scale of miles.	contours predicted;			
			Areas and population: (1950 c				
				opulation in excess of 10,000 and			
12. Proposed operation				less than 1 mv/m shall not be in- eas and populations within the			
Transmitter power output			service contours.)				
in kilowatts	in kilowatts transmission		Aren (sq. ml.) within	Population within			
			1 mv/m contour	1 mv/m contour			
Antenna input power in		e radiated power in	Area (sq. ml.) within	Population within			
kilowatts		s (Must be same as 1 Para. 2)	50 uv/m contour	50 uv/m contour			
	and an	.,,	Area (sq. mi.) within inter-	Population within interference			
				ion free contour (if station would			
13. Will the studios, mic		Yes No	would be limited inside the 50				
other equipment proposed			uv/m contour by any other station or stations).	or stations).			
of programs be designed nical Standards?	d tor combiten	ce with the PM Tech-	station of stations,	or stations):			
14. If this application is	s for modificat	ion of construction per-	Nichon of non-	Note of F			
mit state briefly as Exh		the present status of	Number of persons residing wit mile of proposed transmitter				
construction and indicat	e when it is ex	pected that construction	Number of persons residing with				
will be completed.			mile of proposed transmitter location				
			Specify the source of populati	ion data as used in this paragrapi			
16. (a) Attach as Exhibit	No. H	man(s) (tonographic wher	e obtainable, such as U. S. Geolo	gical Survey quadrangles) for the			
			how drawn thereon the following d				
1. Proposed transmitter	location—accur	ately plotted;	4. Character of the area within	2 miles of proposed transmitter			
2. Transmitter location				d as to residential, business,			
stations (except amat	our) and the le						
11-1-2	-		industrial, and rural nature				
lished commercial and	government rec	eiving stations	5. At least eight radials each	extending to a distance of ten or			
lished commercial and within 2 miles of the 3. Proposed location of	government rec proposed trans	eiving stations	At least eight radials each more miles from the proposed	extending to a distance of ten or transmitter location, one or more			
within 2 miles of the	government rec proposed trans	eiving stations	At least eight radials each more miles from the proposed	extending to a distance of ten or			
within 2 miles of the 3. Proposed location of	government rec proposed trans main studio;	eiving stations mitter location;	 At least eight radials each more miles from the proposed of which must extend through be served. 	extending to a distance of ten or transmitter location, one or more the principal city or cities to			
within 2 miles of the 3. Proposed location of (b) Attach as Exhibit	government rec e proposed trans main studio;	elving stations mitter location; file graphs for the radi	5. At least eight radials each more miles from the proposed of which must extend through	extending to a distance of ten or transmitter location, one or more the principal city or cities to shall show the elevation of the			
within 2 miles of the 3. Proposed location of (b) Attach as Exhibit antenna radiation cen	government receptoposed transmain studio; No. produce. Identify	elving stations mitter location; file graphs for the radi each graph by its bearing	 At least eight radials each more miles from the proposed of which must extend through be served. als in (a) (5) above. Each graph 	extending to a distance of ten or transmitter location, one or more the principal city or cities to shall show the elevation of the ocation. Direction true north			
within 2 miles of the 3. Proposed location of (b) Attach as Exhibit antenna radiation censhall be zero azimuth 17. From the profile gra	government receptoposed transmain studio; No. projecter. Identify and angles meauphs in 16(b),	eiving stations mitter location; file graphs for the radi each graph by its beari sured clockwise. Show s	5. At least eight radials each more miles from the proposed of which must extend through be served. Als in (a) (5) above. Each graph g from the proposed transmitter lource of topographical data on eastance between two and ten mile	extending to a distance of ten or transmitter location, one or more the principal city or cities to shall show the elevation of the ocation. Direction true north characteristics from the proposed trans-			
within 2 miles of the 3. Proposed location of (b) Attach as Exhibit antenna radiation cen shall be zero azimuth 17. From the profile gramitter location, and i	government receptorsed transmain studio; No. proter. Identify and angles meaning to 16(b), in accordance were proposed to the conduction of the conduction	civing stations mitter location; file graphs for the radi each graph by its beari sured clockwise. Show s for the eight mile di rith the procedure pre	5. At least eight radials each more miles from the proposed of which must extend through the served. Als in (a) (5) above. Each graph g from the proposed transmitter I ource of topographical data on each stance between two and ten mile scribed in the FM Technical Sta	extending to a distance of ten or transmitter location, one or more the principal city or cities to shall show the elevation of the contion. Direction true north ch. ss from the proposed trans- undards, supply the following			
within 2 miles of the 3. Proposed location of (b) Attach as Exhibit antenna radiation censhall be zero azimuth 17. From the profile gramitter location, and itabulation of data: (government receptorsed transmain studio; No. protect Identify and angles meaning to 16(b), in accordance with proposed 1c.	file graphs for the radical graph by its bearing stored clockwise. Show a for the eight mile direct the procedure presention is adjacent to	5. At least eight radials each more miles from the proposed of which must extend through the served. als in (a) (5) above. Each graph g from the proposed transmitter I ource of topographical data on each stance between two and ten mile scribed in the FM Technical Statche sea coast or the Great Lab	extending to a distance of ten or transmitter location, one or mor the principal city or cities to shall show the elevation of the ocation. Direction true north ch. Es from the proposed transmudards, supply the following tes omit from this tabulation			
within 2 miles of the 3. Proposed location of (b) Attach as Exhibit antenna radiation censhall be zero azimuth 17. From the profile gramiter location, and itabulation of data: (all radials which lie location and the predi	government receptors of transmain studio; No. protect Identify and angles mea this in 16(b), in accordance will proposed Idenvirus and over water sub-	civing stations mitter location; file graphs for the radi each graph by its beari sured clockwise. Show s for the eight mile di ith the procedure pre location is adjacent to estantially the entire	5. At least eight radials each more miles from the proposed of which must extend through be served. als in (a) (5) above. Each graph g from the proposed transmitter lource of topographical data on eastance between two and ten mile scribed in the FM Technical Stathe sea coast or the Great Lak distance between two miles from the great lake	shall show the elevation of the ocation. Direction true north characteristics from the proposed transunders, supply the following tes omit from this tabulation			
within 2 miles of the 3. Proposed location of (b) Attach as Exhibit antenna radiation censhall be zero azimuth 17. From the profile gramiter location, and itabulation of data: (all radials which lie location and the prediction and the predi	government receptors of transmain studio; No. proter. Identify and angles matching in 16(b), in accordance with the cover water subjected 50 micros Average elevations.	file graphs for the radiench graph by its bearing sured clockwise. Show so for the eight mile digith the procedure precation is adjacent to istantially the entire rolt per meter contour tion Height in feet of	5. At least eight radials each more miles from the proposed of which must extend through be served. als in (a) (5) above. Each graph g from the proposed transmitter lource of topographical data on eastance between two and ten mile scribed in the FM Technical Stathese acoast or the Great Laddistance between two miles from the space field predict.	extending to a distance of ten or transmitter location, one or more the principal city or cities to shall show the elevation of the ocation. Direction true north ch. es from the proposed transmitter of the proposed transmitter of the proposed transmitter ed dis-			
within 2 miles of the 3. Proposed location of (b) Attach as Exhibit antenna radiation censhall be zero azimuth 17. From the profile gramitter location, and itabulation of data: (all radials which lie location and the prediction and the pred	government receptors of transmin studio; No. product. Identify and angles meanth in 16(b), in accordance with proposed 1c over water subsected 50 microwaverage elevation of radial (2-10).	file graphs for the radions witter location: file graph by its bearing sured clockwise. Show so for the eight mile did that the procedure presention is adjacent to istantially the entire colt per meter contour tion Height in feet of mi.) antenna radiation	5. At least eight radials each more miles from the proposed of which must extend through be served. als in (a) (5) above. Each graph g from the proposed transmitter lource of topographical data on eastance between two and ten mile scribed in the FM Technical Stathe sea coast or the Great Lak distance between two miles from the space field predict intensity in millitance is	extending to a distance of ten or transmitter location, one or more the principal city or cities to shall show the elevation of the ocation. Direction true north ch. es from the proposed transmiderds, supply the following tes omit from this tabulation of the proposed transmitter ed dispersion of the predicted of miles.			
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within 2 miles of the 3. Proposed location of (b) Attach as Exhibit antenna radiation censhall be zero azimuth 17. From the profile gramitter location, and itabulation of data: (all radials which lie location and the prediction and the pred	government receptors of transmain studio; No. proposed transmain studio; No. proposed transmain studio; and angles mean transmain studio; angles mean transmain st	file graphs for the radical graph by its bearing started clockwise. Show start the procedure precedure is adjacent to estantially the entire roll per meter contour in height in feet of ini.) antenna radiation mean center above average elevation of	5. At least eight radials each more miles from the proposed of which must extend through be served. als in (a) (5) above. Each graph g from the proposed transmitter I ource of topographical data on eastance between two and ten mile scribed in the FM Technical Stathe sea coast or the Great Lak distance between two miles from the space field intensity in millitrance is volts per meter at to the content of the	extending to a distance of ten or transmitter location, one or more the principal city or cities to shall show the elevation of the ocation. Direction true north ch. es from the proposed transmidered, supply the following tes omit from this tabulation of the proposed transmitter ed dispersion of the distance in 1 mm/m miles to the our 50 uv/m contour mi. mi.			
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Broadcast Application				ATIONS COMMISSION		Section V-		
TELEVISION BROA	TELEVISION BROADCAST		ome of applicant					
ENGINEERING I	ATA							
Purpose of authorizati								
(If application is for	a new s	tation or f	or any of the changes	numbered B through D,	complete all paragi	aphs of this form; if		
change E is of a char	acter wh	ich will ch	ange coverage or incr	ease the overall height	t of the antenna sti	ructure more than 20 fee for changes F through		
answer all paragraphs	otnerw oh 2 and	the approp	e only paragraphs 2 a riate other paragraph	s; for change J, comple	ete only paragraphs	2, 5 and 16(b).		
					change auxiliary an			
Construct a new sta				G. Change transm		Leinia System		
 Change effective ra anterna height above 					lary or alternate			
Change transmitter	_			main transmit				
). Change frequency	100001011			I. Other changes	(specify)			
Change antenna syst	om			J. Change studio	location			
Facilities requested				7. (a) Antenna struc	ture			
Frequency				Is the proposed construc		Ven Colonia		
			D4	vicinity of any other rad	io station or will the	Yes No		
		Cleaner W	J4 114 11 11 114 114 114 114 114 114 114			the antenna structure of		
Effective Radiated Power	Effect.	ve Radiated	Antenna height	any other radio station? engineering data showin				
(visual)	Power (above average					
In dbk:	In dbk:		terrain		supporting building	an sketch for the proposed I any) giving heights abov		
In kw:	In law:		feet	ground in feet for all sig	ove ground Overall	height in feat above mean		
Station location (pri			1000	(Without obstruction ligh	ting) sen leve lighting	ol. (Without obstruction		
State		city or town			1,51,01,0			
				Overall height in feet at	ove ground. Overall	height in feet above mean		
 Transmitter location 				(With obstruction lightin	g) sen love	ol. (With obstruction lighti		
State County								
				Height of antenna radiation center				
City or town	_		ss(or other identifi-	in feet above mean sea level. Geographical coordinates of antenna (to nearest second)				
	C	ation)		North Intitude Hest longitude				
				0	•	0 ' •		
. Main studio location				How were coordinates				
State	Co	ounty		determined?				
				Indicate by check mar	k the			
City or town	St	reet addres	S	zone in which structure is 1 2 3				
				located.				
				(b) Antenna data Visual				
Transmitters Visual				Make		Type No.		
Make	Ty	pe No. R	ated power					
		I	n dbk:					
		I	n kw:	Number of sections	Rated input power	Power gain in db		
Aural				-	in dbk	Jones Seem III and		
Make	Tyr		ated Power n dbk:					
			n kov:	Aural (if separate)				
				Make		Type No.		
(If the above transmitter h						197		
F.C.C., attach as Exhibit			omplete showing of					
full details of frequency c	_			Number of sections	Rated input power	Power gain in db		
licensed transmitter inclu					in dbk			
of change.)	genent	and anding	Bito tuti detaila					
от спецка.)	_			IC dimentional		4 - 632		
a) Describe in Exhibit No.			Il be used for deter-			give full details in- e radiation patterns,		
nining and maintaining powe		f the transmi	tters to the values	as Exhibit No.	and released high	c radiation patterns,		
pecified in this application.				Is electrical or mech	anical beam tilting	Yes C		
b) Multiplexer: Make			Туре No	proposed? If so, des				
						cal radiation patterns		
Rated imput power	d	bk		Will antenna be alter	ed to provide null	fill-in? Yes No		
Rated loss: Visual	db	Aural_	db	If yes, describe fully in Exhibit No.				

	Time propos	11,11 (1)	suppry po	MC1 LO	the artema tron	the transmitter						
(a) Visual						(b) Aural (if s	eparate)					
Make		Type	NO.	Rated imput power in dbk		Make	Make		Type No.		Rated imput power in dbk	
,	transverse dimensions)				loss in db his length	Size (nominal inside transverse dimension) in Inches		Length in feet		Power loss in db for this length		
9. Proposed oper	ation		7					L				
(a) Visual						(b) Aural						
(after vestig			Input to trans- mission line in dbk:		Transmitter power output In dbk: In kw:		Multiplexer loss in db:		ss	Input to trans- mission line i dbk:		
Transmission line nower loss in db:	Antenna im power in d		Antonna n gain in d		Effective radi- ated power In dbk: In low:	Transmission line power loss in db:	r nower in dbk: gain in db: s			Effective rad ated power In dbk: In kw:		
10. Adulation monitors (a) Visual monitor or monitoring equipment Make Type No.					e No.	H. (a) Attach as Exhibit No. a man(s) (topographic where obtainable, such as U. S. Geological Survey quadrangle for the area within 15 miles of the proposed transmitter location and show drawn thereon the following data:						
the time lead to	45M					1. Proposed transmitter location—accurately plotted:						
(b) Aural monitor Make Type No.					2. Transmitter location and call letters of all known radio stations (except amateur) and the location of known commercial and government receiving stations within 2 miles of the proposed transmitter location;							
11. Frequency mo	nitors		-			3. Character of						
(a) Visual moni	tor										residential,	
Make		Г	Type No.	Acc	uracy	business, industrial, and rural nature: d. At least eight radials each extending to a distance of ten or more miles from the proposed transmitter locatio one or more of which must extend through the principal						
(b) Aural monit	or	7	Type No.	Acc	uracy	city to be served.						
approved by the above approved by the technical description. Will the stund other equipmission of proposition of propositions with the state of the	e F.C.C., in ciption of e dios, camer ment propos grams be des	clude ach. as, mi ed for igned	as Exhibit Icropliones, r trans- for com-	No.	have not been a brief	(b) Attach reasonably larg Each graph, shal ation center, proposed trains shall be zero a Show source of	e scales I show th Identify itter loc zimuth, w	for the element of th	ne radials vation of t graph by it Direction ugles measu	in (a he and s bea on of ored o	tenna radi- ring from the true north	
						between two and te						
Rodlal bearing (degrees true)	Av.	riage ele adjul (2- ret ubou sen lev	evation 10 mi.) e mean	Height radia aver	in feet of antenna ition center above age elevation of lin! (2-10 mi.)	Effective radioted power in radial direction	die	Predictionce in the Gra contour	ed miles		Predicted listance in miles to the Grade B contour	
UU		,	fect		feet	dbk			mi -		mi.	
90												
135						********************		***************************************				
180						****************	Em44- 4899-		чни			
225						\$11\$11541569151111911191151					-1 *******	
27 0	41-1911	•••••		***********	(40)4) (1011)11001101		- Control			*** ***		
315			.,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
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Broadcast Application TELEVISION BROADCAST	ST ENGINEERING DATA Section V-C, Page 3
16. Attach as Exhibit No. map(s) (Sectional Aeronautical charts where obtainable, preferably without aeronautical overlay) of the area proposed to be served and shown drawn thereon: (a) Proposed transmitter location and the radials along which the profile graphs have been prepared;	17. Attach as Exhibit No. a sufficient number of aerial photographs taken in clear weather at appropriate altitudes 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
(b) The studio location and boundaries of the principal community; (c) The predicted Grade A and Grade B contours from 12	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.
nbove: (d) The required minimum field strength contour; (e) Scale of miles.	
19. Will the main studio be located within the limits of the pri	
community proposed to be served. 20. (a) Does the proposed transmitter location comply with the a the Commission's Rules?	
(b) If any co-channel separations are proposed that are less or if other channel separations are proposed that are less such separations below. (Include existing stations, pro- the location and geographical coordinates of each antenn	Yes No sthan the applicable minimum separation requirement plus 20 miles, ass than the applicable minimum separations plus 10 miles, list apposed stations and cities which appear in the table of assignments: a, proposed antenna or reference point as appropriate; the distance method used in each instance to measure the distance.) If none, so
21. If this is an application for modification of construction construction and indicate when it is expected that construction	
cation is submitted and that I have examined the foregoing st	or Consulting Engineer of the radio station for which this ampli- tatement of technical information and that it is true to the best provided the engineer's original signed report of the data from attached hereto.)
Date	Tachnical Director, Chief Engineer or Consulting Engineer

Broadcast Application		PERSON IA COLORE	TCATTONG C	OMICCION		Co-t-1	V.C. /Aut			
Di Camada Apprication		Name of applic	Section.	V-G (Antenna)						
ANTENNA AND SITE INFORMA (see instruction B Section I)	TION		e applicant can be reached in person							
Since this Section is submitted to the Reginavigation. It is necessary that all the da	oral Airspace St ta called for bo	bcommittee of the A supplied. Previous	ir Coordinating	Committee for clucky filed data ma	earance in connect st not be incorpo	tion with obstruct raced by reference	ions to air			
Legal Counsel			Purpose o	fapplication (Check appropriat	te box)				
Address			a. New enterna construction b. Alteration of existing enterna structures							
Consulting Engineer		. 	c. Change in location							
Address	-		List any trees, wa cant, wou	 Restures of surrounding terrain List any natural formations or existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby mini- 						
Class of station Facili	ties requeste	ed	mize the	aeronautical ha	zard of the ente	enna.				
l. Location of antenna			7							
State County	City or T	חאים								
Exact entenna location (street addregive distance and direction from, are constructed as a construction of the construction of	Submit as Exhibit No. a chart on which is plotted the exact location of the antenna site, and also the relative location of the natural formations and/or the existing man-made structures listed above. The chart used shall be an Instrument Approach Chart (or the landing chart on reverse side thereof), or a Sectional Aeronaut cal Chart, choice depending upon proximity of the antenna site landing areas. 1/ In general, the Sectional Aeronautical Char should be used only when the antenna site is more than 10 miles from a landing area or when an Instrument Approach Chart is unobtainable. 1/ These charts may be purchased from the U. S. Cost and Geodetic Survey, Washington 25, D. C.									
0 "	st longitude 0	. "	boundary of a landing area for which no Instrument Approach Char is available, submit a self-made, large scale map showing anterm site, naway(s) and existing man-made structures listed above.							
Designation distance, and bear nearest established airway with		Tine of		THE PART OF THE ORGAN		110001	2000			
4. List all landing areas within 10 area from the ontenno site. [anding Area (a)	1			<u>Distance</u>		boundary of e				
Туре										
Description of tower(s)										
Self-supporting	Crit	red			Tubular (Pole					
Tower (height figures should include obstruction lighting)	le	#1	#2	#3	#4	#5	#6			
Height of radiating elements							_			
Overall height above ground										
Overall height above mean sea leve If a combination of Standard, FM,		on is proposed	n the come	nilti-element	arrey (either	existing on an	onoged) sub			
mit as Exhibit No. a horizonta their orientation and spacing in	l plan for th feet. Clear	ne proposed anter y indicate if ar	na system, and towers are	giving heights existing.	of the elemen	ta above groun	d and showing			
heights above ground in feet for a	ll significar		early indicat							
Is the proposed antenna system des installed and maintained at the up			chts mey be			Yes 🗀	ño 🗀			
 Is the proposed site the same of adjoining the transmitter-same stations authorized by the Communication authorized by the Communication pendication pendication. 	nna site of dission or spe	other eci-	Yes 🗀	No _						
If the enswer is "Yes", give	File			_	Signature of	Ingineer prepa	ring data			
letters	number	1				, p. cyu				

Broadcast Application		FEDERAL COMMUNI	CATIONS COMMI	SSION		Section	V-G (Antenna)		
	I DODU - TTOU	Name of applica							
ANTENNA AND SITE IN (see instruction Section 1)	on B	Address where a	Address where applicant can be reached in person						
Since this Section is submitted to t mayigation, it is necessary that all	he Regional Airspace S	Subcomittee of the Air	Coordinating Count	ttee for cleara	nce in connect	ion with obstruct	tions to air		
Legal Counsel	the data carred for t	e supplied. Meviousi							
Address			Rurpose of application (Check appropriate box) a. New antenna construction						
AMA COO			b. Alteration of existing antenna structures						
Consulting Engineer			c. Change in location						
			List any natura	al formations	or existing	man-made struct	urea (hilla,		
Address			cant, would te mize the seron	nd to shield t	the antenna i	from aircraft an	d thereby mini-		
Class of station	Facilities request	ed							
1. Location of antenna									
State County	City or	Iown				9			
	*								
Exact antenna location (street give distance and direction fr	orm, and name of re	earest town)	Submit as Exhibit No. a chart on which is plotted the exact location of the antenna site, and also the relative location of the natural formations and/or the existing man-made structures listed above. The chart used shall be an Instrument Approach Chart (or the landing chart on reverse side thereof), or a Sectional Aeronautical Chart, choice depending upon proximity of the anterma site to landing areas. 1/ In general, the Sectional Aeronautical Chart						
Geographic coordinates (to be For directional antenna give of For single vertical radiator p	cordinates of cent	er of array.)	should be used only when the antenna site is more than 10 miles from a landing area or when an Instrument Approach Chart is unchainable. I/ These charts may be purchased from the U.S. Coast and Coodetic Survey, Washington 25, D.C. I/ Exception - Where the proposed antenna site is within the boundary of a landing area for which no Instrument Approach Chart is available, submit a self-made, large scale map showing antenna site, pressyls) and existing men-made structures listed above.						
North latitude	West lengitude								
0 ' "	0	. "							
3. Designation, distance, and nearest established airway		r line of	site, nevay(s)	and existing	men-made st	nictures listed	above.		
4. List all landing areas wit	hin 10 miles of a	ntenna nite. Give	distance and di	rection to t	he nearest	houndary of e	ach landing		
area from the antenna site	g Arca		Diste			Direct	_		
(a)									
(b)									
(c)									
5. Description of entenna sy	ratem (If direction	oal, give spacing a	and orientation	of towers).					
Type									
Description of tower(s) Self-supporting	I _a	/ed		Tax	ular (Pole)		-		
Tower (height figures should			#a		- H- H				
obstruction lighting)		#1	#2	#3	#4	#5	#6		
Height of radiating elements Overall height above ground									
Overall height above mean sea	level				-				
If a combination of Standard,	FM, or TV operation to the contact of the contact o	he proposed antenna	a system, giving	heights of	y (either e the element	xisting or pro	oposed) sub- land showing		
Submit as Exhibit No. a heights above ground in feet	vertical plan ske for all significa	tch for the propose at features. Clear	ed total structu rly indicate exi	re (includir	ng supporting	g building if painting and l	any) giving lighting.		
Is the proposed antenna syste installed and maintained at t	he uppermost poin	t(s)?	ca may be			Yes 🗀	No 🗀		
6. Is the proposed site the a adjoining the transmitter stations authorized by the field in another application.	-antenna site of commission or sp	other eci-	Yes No	Date					
If the answer is "Yes", give	File			- 67	Ingtues of	-dlman -			
letters	number	8		311	nature of i	Ingineer prepa	ring data		