	Form A Budget	Bureau No. 52 - R015.11		File No.				
	United States of America al Communications Comm		Name and	post office add	lress of a	pplic	ant (See Instr	uction D)
APPLICATION F	FOR NEW BROADCAST S	STATION LICENSE						
	INSTRUCTIONS							
Broadcast Station and the following Section II-A, Lic Bro Section II-B, Lic Cas Section II-C, Lic Bro B. Propare and fill	ense Application Engine adcast ense Application Engine	this part, Soction I, oring Data Standard oring Data FM Broad- ering Data Tolovision m and all exhibits and		ind communicati ised to the follo				
mission, Washing								
the form and list of	each exhibit in the space	provided on page 2 of	1 1 1	the out in the				
	e each exhibit and each i a applicant must be state			tios authorized	Channel			kilowatts
on the construction	on permit which is being	covered.	1.04401		Chanaon	•	Night	Day
file with the Comr	led for by this application mission need not be refile	od in this application			1			
cation or FCC for (2) the information	nformation is now on file m filed hy or on bohalf o n is identified fully by re	f this applicant; oference to the file	Hours o	f operation			Call letters	
	he FCC form number, and or form containing the in		2. Const	ruction permit c	covered by	this	application	
or paragraph refer applicant states;	red to, and (3) after maki "No change since date of	ing the reference, the I filing." Any such	Filo nu	mber	D	ato		
all information, co cation or other for	considered to incorporate onfidential or otherwise, rm referred to. The incor ereafter, in its entirety, h	contained in the appli- porated application or	Construction begun Construction completed					
dividual; by a par ficer of applicant of applicant only Relating to Organ ovent satisfactory absence from the	n must be executed by ap theor of applicant, if a pa , if a corporation or asso under conditions shown i ization and Practice and y evidence of disability c Continental United State ust be submitted with app	rtnorship; by an of- ciation; or by attorney in Section 1.303, Rules Proceduro, in which of applicant or his and authority of plication.	conditio If not, c	tation now in sa n and roady for xplain				Yes 🔄 No[
G. BE SURE ALL	NECESSARY INFORMA							
G. BE SURE ALL AND ALL PARAC	NECESSARY INFORMA GRAPHS ARE FULLY AN HE APPLICATION ARE	NSWERED. IF ANY	PROGRA	M DATA				
G. BE SURE ALL AND ALL PARAC PORTIONS OF T SPECIFICALLY	GRAPHS ARE FULLY AN	NSWERED. IF ANY NOT APPLICABLE, E OR INCOMPLETE	<ol> <li>Has a underst: network</li> </ol>	pplicant any con anding, expresse organization fo	ed or impl	ied,	with a	Yes No[
G. BE SURE ALL AND ALL PARAG PORTIONS OF T SPECIFICALLY APPLICATIONS	GRAPHS ARE FULLY AN HE APPLICATION ARE SO STATE. DEFECTIV	NSWERED. IF ANY NOT APPLICABLE, E OR INCOMPLETE	3. Has a underst: network network Does ap granted If netwo attach made.	pplicant any con anding, expresse	ed or impl or the broa event this adcast no to be bro der which ontractual ont is base	app twork adcas twork adca they arran	with a ting of lication is c programs? st, state as E are to be ob agement which an oral unde	Yos No Exhibit No. tainod and h may have be rstanding, a
G. BE SURE ALL AND ALL PARAG PORTIONS OF T SPECIFICALLY APPLICATIONS	GRAPHS ARE FULLY AN HE APPLICATION ARE SO STATE. DEFECTIVE MAY PE RETURNED W	NSWERED. IF ANY NOT APPLICABLE, E OR INCOMPLETE	3. Has a underst: network network Does ap granted If netwo attach made.	pplicant any con anding, expresse organization fo programs? oplicant, in the propose to brow ork programs are arrangements un copies of any ∞ of the arrangement	ed or impl or the broa event this adcast no to be bro der which ontractual ont is base	app twork adcas twork adca they arran	with a ting of lication is c programs? st, state as E are to be ob agement which an oral unde	Yos No Exhibit No. tainod and h may have be rstanding, a
G. BE SURE ALL AND ALL PARAG PORTIONS OF T. SPECIFICALLY: APPLICATIONS ATION. FINANCIAL DATA 4. Give actual cos	GRAPHS ARE FULLY AN HE APPLICATION ARE SO STATE. DEFECTIVI MAY PE RETURNED WI	NSWERED. IF ANY NOT APPLICABLE, E OR INCOMPLETE THOUT CONSIDER-	3. Has a underst notwork notwork Does ap granted If notwo attach written was autho	pplicant any con anding, expresse organization fo programs? pplicant, in the propose to brow rik programs are arrangements un copies of any co off the arrangeme statement of the	ed or impl or the broa event this adcast no to be bro der which ontractual ont is base	app twork adcas twork adca they arran	with a ting of lication is c programs? st, state as F v are to be ob agement which an oral unde should be sub	Yos No Exhibit No. tainod and h may have be rstanding, a mitted.
G. BE SURE ALL AND ALL PARA PORTIONS OF T. SPECIFICALLY APPLICATIONS ATION. FINANCIAL DATA	GRAPHS ARE FULLY AN HE APPLICATION ARE SO STATE. DEFECTIVE MAY PE RETURNED WI MAY PE RETURNED WI ts of making installation ar proper	NSWERED. IF ANY NOT APPLICABLE, E OR INCOMPLETE THOUT CONSIDER-	3. Has a underst notwork Does ag granted If notwo attach written was autho uding sm,	pplicant any con anding, expresse organization fo programs? pplicant, in the propose to brow rik programs are arrangements un copies of any co off the arrangeme statement of the	ed or impl or the broad event this adcast no a to be broad der which ontractual on t is base o arranger	ied, dcas app twork adca athey arran ed on nent :	with a ting of lication is c programs? st, state as F y are to be ob agement whicl an oral unde should be sut Studio equipment	Yos No Exhibit No. tainod and n may have be restanding, a pmitted.
G. BE SURE ALL AND ALL PARA PORTIONS OF T. SPECIFICALLY ' APPLICATIONS ATION. FINANCIAL DATA 4. Give actual cos Transmitte	GRAPHS ARE FULLY AN HE APPLICATION ARE SO STATE. DEFECTIVE MAY PE RETURNED WI MAY PE RETURNED WI ts of making installation ar proper	NSWERED. IF ANY NOT APPLICABLE, E OR INCOMPLETE THOUT CONSIDER- for which construction Antenna system, inclu antenna - ground syste coupling equipment, t	3. Has a underst notwork Does ag granted If notwo attach written was autho uding sm,	pplicant any con anding, expresse organization fo programs? oplicant, in the , propose to brow ork programs are arrangements un copies of any co if the arrangement statement of the rized , Frequence	ed or impl or the broad event this adcast no a to be broad der which ontractual on t is base o arranger	ied, dcas app twork adca athey arran ed on nent :	with a ting of lication is c programs? st, state as F y are to be ob agement whicl an oral unde should be sut Studio equipment	Yos No Exhibit No. tainod and n may have be restanding, a pmitted.
G. BE SURE ALL AND ALL PARAG PORTIONS OF T. SPECIFICALLY: APPLICATIONS ATION. FINANCIAL DATA 4. Give actual cos Transmitte including	GRAPHS ARE FULLY AN HE APPLICATION ARE SO STATE. DEFECTIVE MAY PE RETURNED WI MAY PE RETURNED WI ts of making installation ar proper	NSWERED. IF ANY NOT APPLICABLE, E OR INCOMPLETE THOUT CONSIDER- for which construction Antenna system, inclu antenna - ground syste coupling equipment, t mission line	3. Has a underst notwork Does ag granted If notwo attach written was autho uding sm,	pplicant any con anding, expresse organization fo programs? uplicant, in the or propose to brow rick programs are arrangements un copies of any co ff the arrangeme statement of the rized , Frequent modulation m	ed or impl or the broad event this adcast no a to be broad der which ontractual on t is base o arranger	iied, dcas app twork adca i they arran ed on ment :	with a ting of lication is c programs? st, state as F y are to be ob agement which an oral unde should be sub Studio equipment transcription	Yos No Exhibit No. tainod and h may have be rstanding, a mitted.

FCC Form 302		Section I, Page 2
FINANCIAL DATA (Continued)		
position as Exhibit No. (b) struction, attach as Exhibit No. is licensee of a broadcast station h nancial position within the past 12	as at the completion date of the authorized construct If the actual cost of construction materially exceeds the a detailed statement showing the plan used to finar aving on file with the Commission an Annual Financia months and the request in this application is for a cha- led that no substantial reduction in financial position	he original estimated cost of con- ice such construction. (If applicant I Report (FCC Form 324) showing its fi- nge in existing facilities, these
6. State changes, if any, in capitalizat permit. (If none, so state)	ion, and report any contracts affecting ownership not s	shown in the application for construction
<ol> <li>Apart from the apparatus constructo obligations set forth in the above-de</li> </ol>	d, have all the terms, conditions, and secribed application for construction	Yes No No
pormit been fully met? If "No", sta		
8. Is a request for authority to conduct	program tosts a part of this application?	Yes No
The applicant waives any claim to the States because of the provious use of this application. (See Section 204 of	te use of any particular frequency or of the other as ag f the same, whether by license or otherwise, and requi f the Communications Act of 1934)	gainst the regulatory power of the United cets a station license in accordance with
The applicant represents that this ap other application with which it may l	oplication is not filed for the purpose of impoding, obs o in conflict,	struction, or delaying determination on any
	eation and attached exhibits are considered material r ated herein as if set out in full in the application.	epresentations, and all the exhibits are a
The applicant, or the undersigned or to all matters which are relevant to t	the applicant's bobalf, styles that he has ondeavored his application and that he has done so as to all matt	to supply full and correct information as ers within his own knowledge.
Dated this	, 10	
	4)	leme of applicant)
	Ву	
		Title
Subscribed and sworn to before		
me this day of		Notary Public
(SEAL) (Notary public's seal must be a	offixed whore the	
law of jurisdiction requires, o the law does not require scal.	therwise state	
FYUDITS function of the	My commission expires	
EXHIBITS furnished as required by		1
Exhibit No. Section and Para. No. of Form	Name of officer or employee (1) by whom or (2) under whose direction exhibit was prepared (show which)	Official title

Broadcast Ap	plication			FEI	DERA	L COMMUNIC	ATIONS COM	MISSION		S	ection II	- A		
LICENSE AI		ION ENG		NG DAT	AN	Name of appli	cant							
Purpose o (Check on		zation app	oliod for		swor l	Paragraphs	point o	f resistan	nts: (If dir ce measure	ment.)				
Di	Station license       1 thru 13         Direct measurement of power       2,6,7,8,9,14						RF common point or antenna current without modulation for night power in amperes RF common point or antenna current without modulation for day power in amperes					ation		
1. Facilities	authoriz													
Call letters	Call letters File No. of construction permit						common	n point re	antenna or sistance (in ng frequenc	i co	mmon po	isured ante int reactan perating fro	ce (in	
Frequency	Frequency Hours of open					kilowatts	Night Day							
				Night		Day			ases for di		ght	Day _		
2. Station lo	antion .			1			- Ourion	-	reading		operational de la base	Remote in	diastian	
State	Cation		City o	r town			-		ogrees		rent		a current	
			0, 0				Tower	Night	Day	Night	Night Day		Night Day	
3. Transmitt	ter locatio	on					- Tower							
State			Count	y.			1							
City or To	own		Street.	Address		ther identi-			-					
1													-	
4. Main stuc	lio locatio	 on					Manufactur	er and ty	po of phase	monitor	used in t	taking aboy	(A)	
State			County	i			roadings:							
City or T	City or Town Street and number							used for re her method)		ication o	f antenna o	currents		
5. Remote c State	ontrol poi	int locatio	on City o	r town			-							
							8. Description of antonna system (If directional antonna is used, the informatical requested below should be							
Street Ad	dross (or	other ide	ntificati	on)			givon for ea Height figur	ich elomen es should	t of the array not include	y. Use so obstructio	parate sh on lightin	nects if nece g.)	essary.	
C. Transmit	ter Instal	led			-		- Typo radia	tor				of complete base insul		
Mako										if grounded				
Last radi	o stage						Overall he	ight in fo	et above	If anto	nna is e	ither top lo	aded or	
			unmodulated Plato voltage te current				ground.			sectio Exhibi		describe f	uily as	
Night							Excitation	ı		Series		Shunt.	3	
Day							Geographic	c coordine	tes to near	est seco	nd,			
	l								nna give co			er of array		
Operation of quency ampl			A [	)	сĽ		North latit		adiator giv		orgitude	0 '		
			B	J	D							22.25		
Manufacture	1. FO.00	mondod	BC	efficier				ntennas mo	above, give ounted on tov					
for the last						nt.			s of ground	giptom	Attack	alutuk 2	Libit	
Is inverse for If "Yes", to power is tra	what val	ue of feed		Ye	s 📃	No 🔲	No.		cossary for c				ג וס נע x	
Efficiency o				amplifie	r		1.1.1							
stage as nov						R <sub>a</sub> (100)%								
					ъp	p						Sec. 23		

9. Antenna resistance mo	aguromant				
Attach as Exhibit No.	the following:				
Ausen as Exhibit No.	thu following:				
<ul> <li>b. Schematic diagram sh coupling circuits, poi location of antenna a characteristics of all circuits, static drains etc., connocted to or cluding ot ber an to circuits.</li> <li>c. Full description of m</li> <li>Modulation monitor Make</li> <li>1. Frequency monitor</li> </ul>	ineers taking measurements nowing clearly all components of int of resistance measurement, mmetor, connections to and tower lighting isolation s, and any other fixtures, linos, supported by the antenna, in- mnas and associated ethod used to make mensurements.	<ul> <li>d. Manufacturer's name of each calibrated instrument used and manufacturer's rated accuracy.</li> <li>e. Date, accuracy, and by whom each instrument was last calibrated.</li> <li>f. Table of complete data taken.</li> <li>g. The graph drawn of 10 to 12 readings in a band 50 to 60 kilocycles wide with the operating frequency near the construction of line voltage.</li> </ul>			
Make	Type No.				
calibration of the frequen		13. In what respect, if any does the apparatus constructed differ from that described in the application for construction permit or in the permit?			
Give the following data o Date and time	n the checks of the frequency Name of checking agency or				
1					
3		14. Give reason for the change in antenna or common point resistance.			
Frequency measured by agency or method           1.           2.           3.           4.					
nowledge and belief. (This	d that I have examined the foregoing st	Ilting Engineer for the applicant of the radio station for which this atomont of technical information and that it is true to the best of my e ongineer's original signed report of the data from which the infor- Technical Director, Chief Engineer or Consulting			

Broadcast Appl	ication			CATIONS COMMISSION		Section II-B		
LICENSE APPLI FM	CATION ENGIN BROADCAST	NEERING I	Name of applicant					
1. Facilities a	uthorized in co	nstruction p	permit	9. Modulation monitor				
Call letters	File No. of			Make	Туре No.	•		
Frequency	Effectivo		intonna eight above	10. Frequency monitor				
	power in kilowatts	a	verage emain	Make	Type No.			
2. Station loca State	tion	City or tov	מי	By what method and how often will regular checks of the calibration of the frequency monitor be repeated?				
3. Transmitter	location	Q						
State		County						
City or town		Street Add	ress (or other identification					
				Give the following data				
4. Main studio	location			Date and time		f checking agency or method used		
State		County		1				
City or town		Street addr	055	3				
				4				
5. Remote cont State	rol point locati	on City or tow	/n	agency or method hi		Monitor reading high or low		
Charact A July and	(or other ident	(instion)		2				
Subot Address	(or other ruent.	incation)		3				
				4				
6. Transmitter Make	installed	Турс No.	Rated Power	<ol> <li>Attach as Exhibit No. graphs together with descr strumonts with regard to th</li> </ol>	ription of measure he following: (All	measurements shall be		
7. Operating co	onstants			made with the equipment a				
D.C. plato curre in last radio sta in amperes	nt ge,	Applied D voltage of stage, in	last radio	shall include all circuits b nals and the antenna outpu circuits and any equalizers	ut, including telep s employed excep	bhone lines, preemphasis of for microphones, and		
Plate input powe last radio stage kilowatts		Efficiency of transmi operating percent	tter at	<ul> <li>without compression if a compression amplifier is installed.)</li> <li>a. Audio frequency response from 50 to 15,000 cycles for approximatoly 25, 50 and 100 percent modulation. Measurements shall be made on at least the following audio frequencies: 50, 100, 400, 1000, 5000, 10,000 and 15,000 cycles. The frequency response measurements should normally be made without deemphasis; however, standard 75 microsecond deemphasis may be employed in the measurements.</li> </ul>				
Transmitter pow output in kw by indirect method		RF transm line meter						
8. Antenna and Antenna make			sections Power gain	ing equipment or system pr circuit is sufficient to insu	rovided the accura	acy of the deemphasis		
Overall height in feet,	of antenna syst	tem above g	round	the prescribed limits. b. Audio frequency harmon modulation for the fundame	ental frequencies	of 50, 100, 400, 1000 and		
Geographical c North latitude	oordinates of a	ntenna (to r West Long		5000 cycles. Audio freque for fundamental frequencie ments shall normally inclu- tortion measuremonts shall emphasis in the measuring	ency harmonics fo s of 10,000 and 1 de harmonics to 3 l be made employi	r 100 percent modulation 5,000 cycles. Mesure- 80,000 cycles. The dis- ing 75 microsecond de-		
Antenna supporti structure				c. Output noise level (free 15,000 cycles in docibels	quency modulation below the audio fi	n) in the band of 50 to		
Transmission 1 Make	ine	Туре No.	Description	senting a frequency swing shall be made employing 7 equipment or system.	5 microsecond de	emphasis in the measuring		
Size: (nominal transverse dim in inches		gth in feet	Rated efficiency in percent for this length	d. Output noise level (amp 15,000 cycles in decibels amplitude modulation. The ploying 75 microsecond dow system.	below the level re a noise measurem	ents shall be made on		

## Broadcast Application

## FM BROADCAST ENGINEERING DATA

Section II-B. Page 2

12. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

I cortify 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.)

Technical Director, Chief Engineer or Consulting Engineer

Date

Broadcast Applic	ation		FEDERA	L COMMUNICATIO	ONS COMMISSION		Section II-C			
LICENSE APPLIC	ATION ENG	INEER	NG DATA	Name of applicant						
	ION BROAD									
1. Facilities aut					Aural transmitter					
Call letters Channel No. File No. of co				uction pormit	D. C. plate current in last radio stage, in amperes		. C. plato voltage of stage, in volts			
Free	Mc.	Visual	r frequency Mc Mc	Plate input power to last radio stage in kilowatts		y factor F of trans- operating power, in				
Mective Radiated Power Effective Radiated visual) In dbk:			ated Power	Antenna height above avorage terrain	Transmittor power output In dbk:	RF transm reading	nission line metor			
				5	In kw:					
In kw: 2. Station location	In kw:	commu	nity)	feet	6. Antonna and transmission Antonna make and Type No.					
State	on (principal		or town		Anomia make and Type No.	Numper of Se	etions Power gain in db			
3. Transmitter le Stato	ocation	Coun			Antonna supporting structure		·			
City or town		Stree	t Address (d	x other identification)						
4. Main studio lo	ocation	- i			Overall height of antenna syste in feet	em above grou	nd			
State					in reet Geographical coordinates of antenna (to nearest second) North latitude West longitude					
City or town Street ad			t address		0 ' <b>"</b>		0			
5. Transmitters	Installed				If directional antenna is used, and vertical plane radiation pa					
Visual					Is electrical or mechanical beam		l? Yes No			
Mak e		Туре		ated power dbk:	If so, describe fully in Exhibit No. including horizontal and pertinent vertical radiation patterns.					
Aural				kw:	Has antenna been altered to pr If so, describe fully in Exhibit Transmission line	ovide null fill. No.	-in? Yes No			
Make		Туре	No. R	ated power	Make	Type No.	Coaxial or waveguid			
	мико			dbk:	Sizo (nomina) inside transverse					
Operating const				kw:	Sizo (nominal inside transverse   Length in fe st   Power loss in dimensions) in inches   for this length -					
Visual transmitt D. C. plate current	ter (while tra		ng black) lied D. C. p	lato	114-14-1					
in last radio stage,			age of last		Multiplexer Make					
in amperes		stag	e, in volts		MILKO		Туре №.			
Transmitter power o vestigial sideband f and after multiplexe	ilter, if used,	in db,	lexer loss if separate:	Input to trans- mission line in dbk:	If omergency antenna or transm describe in Exhibit No.	casures are provided,				
In dbk:					7. Modulation monitors					
In kw:						ning ocution				
	ine power power in dbk: gain in db: power		Effoctive radiated power In dbk:	(a) Visual monitor or monitoring equipment Make Typo No. (or describe in Exhi No. )						
				In kw:	(b) Aural monitor					
Attach as Exhibit method of power of multiplexer, so sta	utput determin	-		concerning the neasured at output of	Mako	Туре No.				
	r output mete			ne voltage, current thorized power:	8. Frequency monitors (a) Visual monitor					
					Mako	frequency sh	s of deviation of carrier nown by monitor			
					Туре No.	cps.	igh to cps. high ow low			

Broadcast Application	TELEVISION BROADCAS	T ENGINEERING DATA Soction II-C, Page 2
8. (Continued)		10. Performance data - Aural transmitter
(b) Aural monitor		Attach as Exhibit No. data, diagrams, and appropriat
Make Type No.	Normal limits of deviation of carrier frequency shown by monitor high high cps. to cps. low low	graphs together with description of measurement procedures and instruments with regard to the following: (All measurements sha be made with the equipment adjusted for normal program operatio and shall include all circuits between the main studio microphon
<ul> <li>excess of the permissible to and state the certain state of the contrast of the contr</li></ul>	ndicatos any carrier doviation in olerance, describe in Exhibit No. perfective mensures taken. ve been measured by other means, , giving the date, method used ice employed, the results obtained gh or low) at the time. wal transmitter data showing the following: resus frequency of the visual tage of the lower side-band for a of 1.25 me, or greater, and of the medulating frequency of 4.75 mc. equipment and technique used in	<ul> <li>terminals and the antenna output, including telephone lines, pre-emphasis circuits and any equalizers employed except for microphones, and without compression if a compression amplifier is installed.)</li> <li>a. Audio frequency response from 50 to 15,000 cycles for approximately 25, 50 and 100 percent modulation. Measurements shall be made on at least the following audio frequencies: 50, 100, 400, 1000, 5000, 10,000 and 15,000 cycles. The frequency response measurements should normally be made without deemphasis; however, standard 75 microsecond deemphasis may be employed in the measuring equipment or system provided the accuracy of the deemphasis circuit is sufficient to insure that the measured response is within the prescribed limits.</li> <li>b. Audio frequency harmonic distortion for 25, 50 and 100 percent modulation for the fundamental frequencies of 10, 000, 400, 1000 cycles. Measurements shall normally include harmonics to 30,000 cycles. The fustortion measuring equipment or 3950m.</li> <li>c. Output noise lovel (frequency modulation) in the band of 50 15,000 cycles in decibels helew the audio frequency level representing a frequency system.</li> <li>d. Output noise lovel (anplitude modulation) in the band of 50 15,000 cycles is decibels helew the audio frequency level representing a frequency system.</li> </ul>
		15,009 cycles in decibels below the level representing 100 perc amplitude modulation. The noise measurements shall be made employing 75 microsecond doemphasis in the measuring equipme or system.
<ol> <li>In what rospect, if any, o the permit?</li> </ol>	loos the apparatus constructed differ fr	om that doscribed in the application for construction permit or in

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