

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION

FM

MJD

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

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
AR	BPED -900823MA N/M	NEW 89.3MHZ	NATIONAL CHRISTIAN NETWORK, INC. FAYETTEVILLE AR	CP FOR NEW FM FREQUENCY 89.3 MHZ, HAAT: 352 METERS H&V
				EDUCATIONAL: ON ERP 5 KW H&V, 35 51 12 94 01 33

LICENSE EXPIRATION DATE _____

CHIEF, LICENSE DIVISION

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

APPROVED _____

FOR CHIEF, BROADCAST BUREAU

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

ncn

ORIGINAL

RECEIVED

AUG 23 1990

Federal Communications Commission
Office of the Secretary

AUGUST 20th, 1990

The Secretary
Federal Communications Commission
Washington, D.C. 20554

RE: National Christian Network, Inc.
Application for new, non-commercial
FM Station, Fayetteville, Arkansas.

Dear Sir:

On behalf of the National Christian Network, there is enclosed herewith an original and two copies of FCC Form 340, an application for authorization to construct a new non-commercial FM broadcast station to operate at Fayetteville, Arkansas.

Please refer any questions concerning this matter to the undersigned.

Respectfully submitted,

Raymond A. Kassis

Raymond A. Kassis
President

RAK/jf
encs.

RECEIVED

AUG 22 1990

FM EXAMINERS

97.3 MHz
-900823MA NEW AR
BPED
FAYETTEVILLE
NATIONAL CHRISTIAN NETWORK, INC.

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

30-83090

For Commission Use Only
File No. <u>BPED-900823-MA</u>

Section I - GENERAL INFORMATION

ORIGINAL

1. Name of Applicant National Christian Network, Inc.		
Street Address or P.O. Box 1150 W. King Street		
City Cocoa	State FL	ZIP Code 32922
Telephone No. (Include Area Code) (407) 632-1000		

Send notices and communications to the following person at the address below:		
Name same		
Street Address or P.O. Box		
City	State	ZIP Code
Telephone No. (Include Area Code)		

2. This application is for: AM FM TV

(a) Channel No. or Frequency 207 89.3
--

(b) Principal Community	City	State
	Fayetteville	AR

(c) Check one of the following boxes:

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

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

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

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

Section II - LEGAL QUALIFICATIONS

Name of Applicant

National Christian Network, INC.

1. Applicant is: *(Check one box below)*

- (a) governmental or public educational agency, board or institution
- (b) private nonprofit educational institution
- (c) Other *(specify)* **Non-profit, non-stock, educational corporation**

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

Exhibit No.
1

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

Exhibit No.
2

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

Exhibit No.
3

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

Yes No

If Yes, provide particulars in an Exhibit.

Exhibit No.
N/A

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

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

Yes No

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

Yes No

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

Exhibit No.
N/A

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

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

Yes No

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

Yes No

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

Exhibit No.
N/A

PARTIES TO APPLICATION

8. Complete the following Table with respect to all parties to this application:

(NOTE: If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.)

INSTRUCTIONS: If applicant is a corporation or an unincorporated association with 50 or fewer stockholders, stock subscribers, holders of membership certificate or other ownership interest, fill out all columns, giving the information requested as to all officers, directors and members of governing board. In addition, give the information as to all persons or entities who are the beneficial or record owners of or have the right to vote capital stock, membership or ownership interests or are subscribers to such interests. If the applicant has more than 50 stockholders, stock subscribers or holders of membership certificates or other ownership interests, furnish the information as to officers, directors, members of governing board, and all persons or entities who are the beneficial or record owners of or have the right to vote 1% or more of the capital stock, membership or ownership interests. If applicant is a governmental or public educational agency, board or institution, fill out columns (a), (b), and (c) as to all members of the governing board and chief executive officers.

(a) Name and Residence Address(es)	(b) Office Held	(c) Director or Member of Governing Board		(d) % of: Ownership (O) or Voting Stock (VS) or Membership (M)
		YES	NO	
Raymond A. Kassis 78 Country Club Road Cocoa Beach, FL 32931	President	X		N/A
Agnes Azrak 135 Windsor Place Brooklyn NY	VP	X		N/A
Arthur J. Fox 745 White Pine Avenue Rockledge, FL 32955	Sec'y/Treas.	X		N/A

Section II - LEGAL QUALIFICATIONS (Page 3)

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

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

Yes No

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

Yes No

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

Yes No

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

Yes No

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

Yes No

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

Exhibit No.
4

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

SECTION III - FINANCIAL QUALIFICATIONS

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

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

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

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

SECTION IV - PROGRAM SERVICE STATEMENT

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

Exhibit No.

5

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

EXHIBIT 1

National Christian Network, INC., a corporation "not for profit" was organized under the laws of the State of Florida, on October 11th, 1978. An excerpt from Article 2 of the Articles of Incorporation entitled "purposes", is as follows:

This corporation is organized and is to be operated exclusively for religious, charitable and educational purposes, including but not limited to the following:

To establish, operate and maintain television and/or radio-networks and/or stations.

To produce and broadcast for the general public religious, charitable and educational programs either by television or radio, or both, for the purpose of educating and instructing the general public in religious, charitable, and educational matters; to promote, extend and improve religion, charity and education and to participate in religious, charitable and educational programs in the United States, including but not limited to the State of Florida; to promote programs designed to increase public awareness and understanding of the needs and activities of religion, charity and education in the several states, including the State of Florida and to encourage the public to give support, financial and otherwise to such purposes.

EXHIBIT 2

The National Christian Network, Inc., currently operates a non-commercial, Educational FM Station in Cocoa and Palm City, Florida. National Christian Network also operates its satellite uplink facility located in Gravette, Arkansas, just a few miles from Fayetteville, Arkansas, the principal community to be served. Raymond A. Kassis, President of NCN, is currently producing a number of hours per week of television instructional and educational programs and proposes to extend his expertise to this proposed new station. Mr. Kassis hosts the "Amazing Grace" television broadcast which interacts with most representatives of the community religious institutions. The proposed station will utilize this expertise to further enhance the principal community to be served.

EXHIBIT 3

The National Christian Network (NCN) will present a blend of non-entertainment and entertainment programming 24 hours a day, seven days a week, in order to serve the needs, problems and interests of the community of license. From 9am to 2pm daily, NCN will present a program known as "The University of the Air". These broadcasts will consist of the Bible topics and how they relate to the residents of the community. For example, NCN will present "Through the Bible", an exhaustive review of every Scripture will be considered on a daily basis. The balance of NCN's programming will consist of general entertainment programming and will primarily consist of contemporary and gospel music. NCN also will present regularly-scheduled news broadcast which will treat local national and international news topics.

It should be further noted that the applicant will subscribe to the Commission's "fail break" theory wherein it will provide the opportunity for the dissemination of a multitude of denominational beliefs and tenets.

EXHIBIT 4

SECTION II 9(a):

The National Christian Network (NCN) has recently constructed WCNO-FM, Palm City, Florida, and an application for a license of that facility is pending before the Commission. Currently the station is operating on program test authority. NCN is awaiting a possible grant of its LPTV application in Miami, Florida.

SECTION II 9(b):

The National Christian Network (NCN) was one of the original 14 DBS applicants (Direct Broadcast Satellite) and its original application has been dismissed with prejudice by the Commission. Raymond A. Kassis, President of NCN, is also President of Astro Enterprises, Inc., licensee of Station WWBC-AM of Cocoa, Florida. Astro held a construction permit for WJEA-AM, Palm City, Florida, but was unable to construct the station within the prescribed limits of the Construction Permit, due to local zoning problems. That application was dismissed with prejudice by the Commission.

EXHIBIT 5

Based on the applicants knowledge of the community of license it has been determined that the following needs, problems and interests will be addressed through responsive programs.

- 1) The State of the economy.
- 2) Unemployment
- 3) Tax burdens
- 4) Crime Prevention
- 5) Drug and alcohol abuse
- 6) Problems and needs of senior citizens
- 7) Approving cultural life and diversity
- 8) Improvement to local municipal facilities

The applicant proposes special programming, talk shows, documentaries, etc., to meet the above needs and to discuss solutions.

The applicant will seek a variety of speakers so that all views will be aired.

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY File No. _____ ASB Referral Date _____ Referred by _____
--	--

Name of Applicant

National Christian Network, Inc.

Call letters (if issued)

new

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

If Yes, specify closing date: _____

Purpose of Application: (check appropriate boxes)

- | | |
|--|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility | <input type="checkbox"/> Construct a new auxiliary facility |
| <input type="checkbox"/> Modify existing construction permit for main facility | <input type="checkbox"/> Modify existing construction permit for auxiliary facility |
| <input type="checkbox"/> Modify licensed main facility | <input type="checkbox"/> Modify licensed auxiliary facility |

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

- | | |
|---|--|
| <input type="checkbox"/> Antenna supporting-structure height | <input type="checkbox"/> Effective radiated power |
| <input type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Frequency |
| <input type="checkbox"/> Antenna location | <input type="checkbox"/> Class |
| <input type="checkbox"/> Main Studio location | <input type="checkbox"/> Other (Summarize briefly) |

File Number(s) _____

1. Allocation:

Channel No.	Principal community to be served:			Class (check only one box below)			
207	City	County	State	<input type="checkbox"/> A	<input type="checkbox"/> B1	<input type="checkbox"/> B	<input type="checkbox"/> C3
	Fayetteville	Washington	AR	<input checked="" type="checkbox"/> C2	<input type="checkbox"/> C1	<input type="checkbox"/> C	<input type="checkbox"/> D

2. Exact location of antenna.

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

7.2 Km due East of Brentwood, Arkansas. (Washington County)

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	35°	51'	12"	Longitude	94°	01'	33"
----------	-----	-----	-----	-----------	-----	-----	-----

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? Yes No

If Yes, give call letter(s) or file number(s) or both.

KEZA(FM) File No. BLH-820917AU

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

No Change

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

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

Yes No

Latitude ° ' "	Longitude ° ' "
---	---

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

Yes No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

Date August 7, 1990 Office where filed Southwest Regional

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

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	<u>None</u>	_____	_____
(b)	_____	_____	_____

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

- (1) of site above mean sea level; 671 meters
- (2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 259 meters
- (3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 930 meters

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

- (1) above ground 223 meters (H)
- 223 meters (V)
- (2) above mean sea level [(aX1) + (bX1)] 894 meters (H)
- 894 meters (V)
- (3) above average terrain 352 meters (H)
- 352 meters (V)

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

Exhibit No. <u>E-1</u>

9. Effective Radiated Power:

(a) ERP in the horizontal plane 5.0 kw (H*) 5.0 kw (V*)

(b) Is beam tilt proposed? Yes No

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

Exhibit No. <u>na</u>

na kw (H*) na kw (V*)

*Polarization

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

10. Is a directional antenna proposed?

Yes No

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

Exhibit No.
na

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

Yes No

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

Exhibit No.
na

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

Yes No

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

Exhibit No.
E-2

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

Exhibit No.
E-3

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

Exhibit No.
E-4

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

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

Area 6933.0 sq. km. Population 150,149

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

Exhibit No.
na

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

Percent change (gain area plus loss area as percentage of present area) na %.

If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

Exhibit No.
na

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

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

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

18. Terrain and coverage data (*to be calculated in accordance with 47 C.F.R. Section 73.3131*).

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

Linearly interpolated 30-second database 7.5 minute topographic map

(Source: NGDC)

Other (*briefly summarize*).

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	418.4	50.7
45	384.7	48.9
90	375.6	48.4
135	252.7	41.0
180	336.7	46.1
225	332.6	45.9
270	366.9	47.9
315	344.7	46.6

Allocation Studies

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

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?

Yes No

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

Exhibit No.
na

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

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

Yes No

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

Exhibit No.
na

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

Exhibit No.
E-5

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

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

Exhibit No.
E-5

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

Yes No

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

Yes No

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

Exhibit No.
na

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

Exhibit No.
na

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

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

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

Exhibit No.
na

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

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525? Yes No

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

Exhibit No.
E-6

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)? Yes No

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

Exhibit No.
na

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

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? Yes No

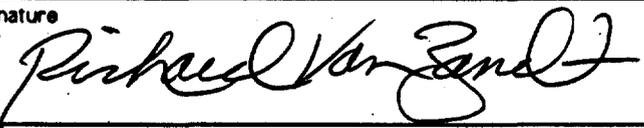
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.
na

If No, explain briefly why not. Existing tower with no change in height. Complies with OST Bulletin 65 regarding RF Radiation To Humans.

CERTIFICATION

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

Name (Typed or Printed) Richard Van Zandt	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer
Signature 	Address (Include ZIP Code) 2596 State Road 44 New Smyrna Beach, FL. 32168
Date August 15, 1990	Telephone No. (Include Area Code) (904) 427-9000

VERTICAL PLAN

EXHIBIT: E-1
LOCATION: FAYETTEVILLE, AR.
CHANNEL: 207
DATE: AUGUST 1990

OVERALL HEIGHT

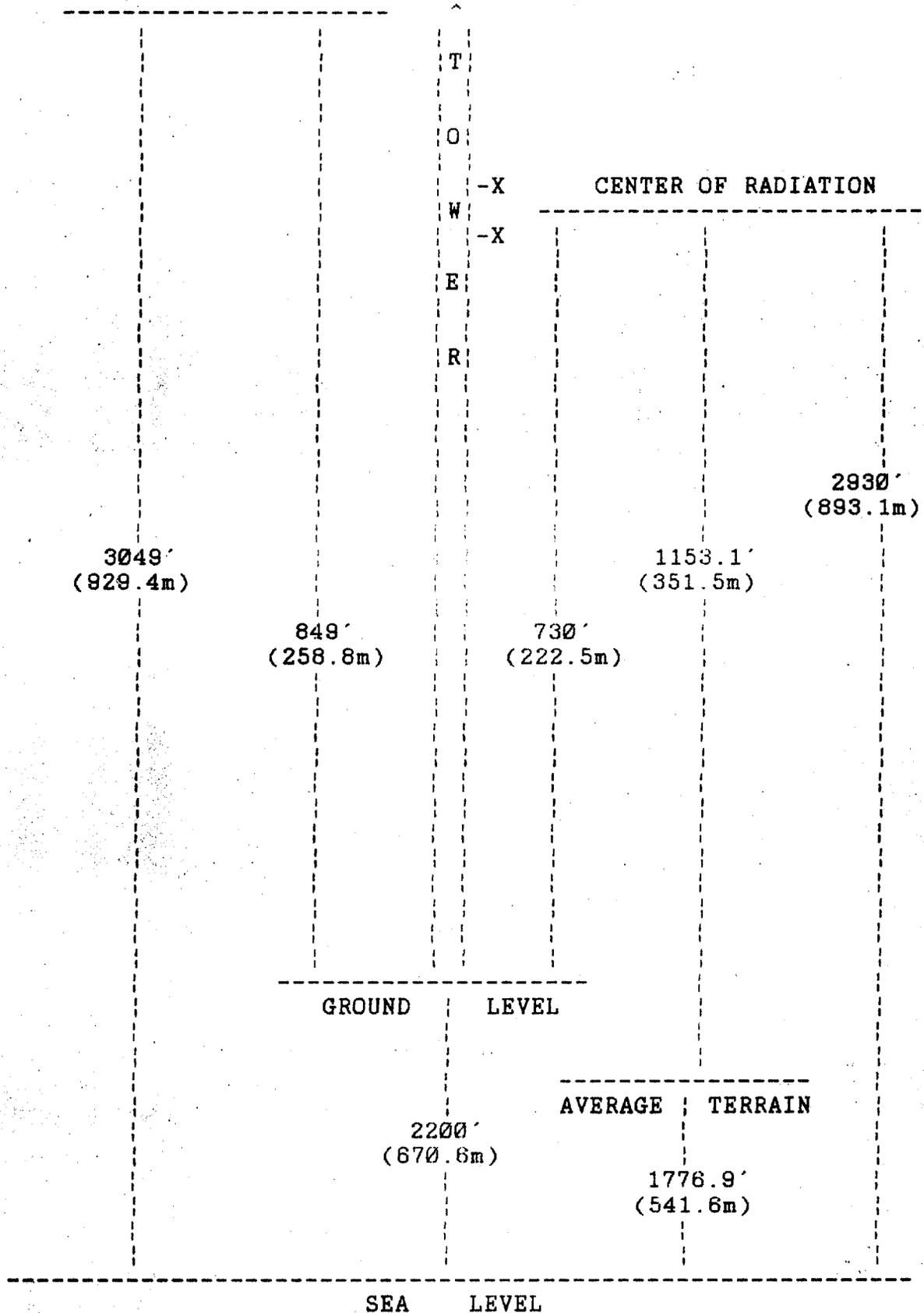


EXHIBIT: E-2
LOCATION: FAYETTEVILLE, AR.
CHANNEL: 207
DATE: AUGUST 1990

OTHER TRANSMITTERS WITHIN 10 KILOMETERS:

The proposed station is co-located with:

- 1) KEZA(FM), 107.9 Mhz, File No. BLH-820917AU,
- 2) KUAF(FM), 91.3 Mhz, File No. BLED-880426IA

The proposed station is located 4.62 kilometers North of:

- 1) KAFT(TV), Channel 13, File No. BLET412.

There are no AM stations within 10 kilometers.

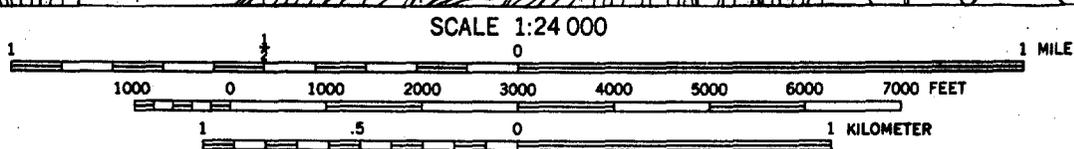
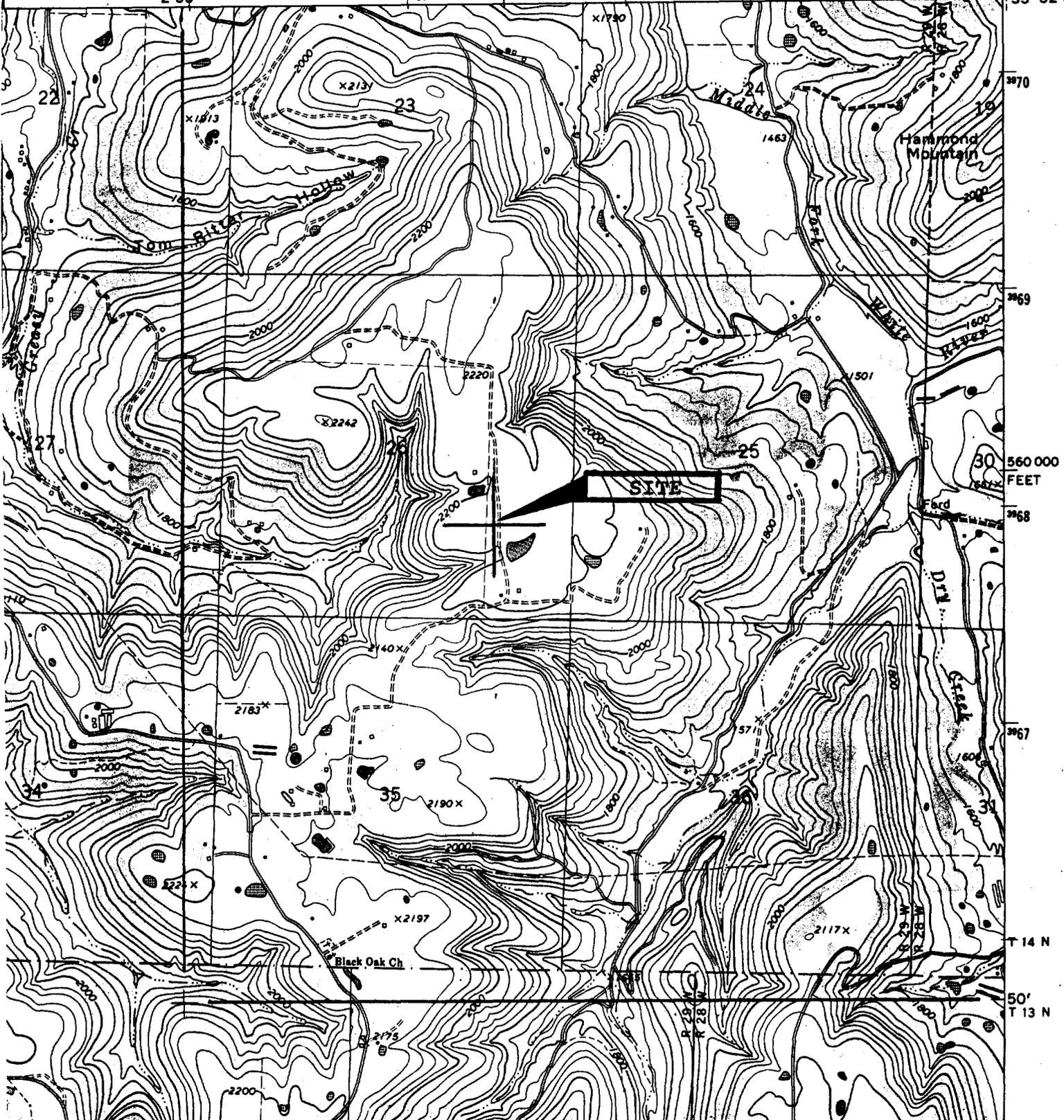
No undesired effects are anticipated by the construction of the proposed station. However, should interference result due to the proposed station the applicant will assume full responsibility for the elimination of any and all objectionable interference. (including that caused by receiver-induced or other types of modulation)

EXHIBIT: E-3

BRENTWOOD QUADRANGLE
ARKANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

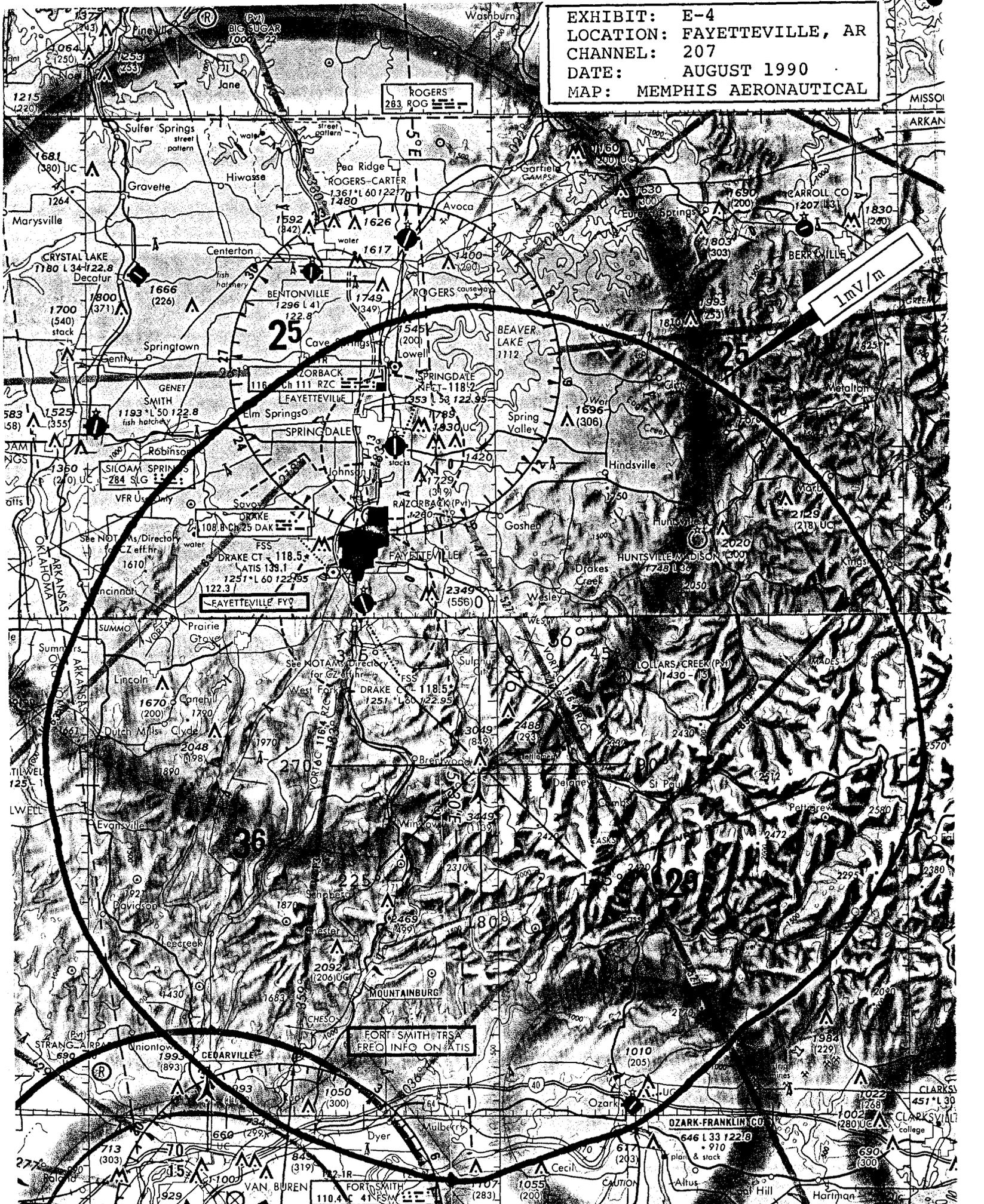
7255 IV NW
DURHAM

2'30" 407 1 400 000 FEET 408 409 94°00' 35°52'30"



SCALE 1:24 000
CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

EXHIBIT: E-4
 LOCATION: FAYETTEVILLE, AR
 CHANNEL: 207
 DATE: AUGUST 1990
 MAP: MEMPHIS AERONAUTICAL



1mV/m

FORT SMITH TRSA
 FREQ INFO ON ATIS

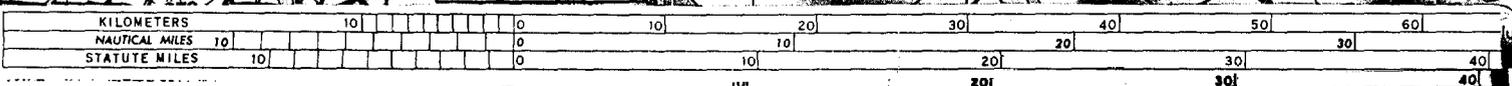


EXHIBIT: E-5
 LOCATION: FAYETTEVILLE, AR.
 CHANNEL: 207
 DATE: AUGUST 1990

FM FREQUENCY ALLOCATION STUDY

Channel: 207C (89.3 MHz) 5 KW ERP
 Coordinates: 35 - 51 - 12 94 - 1 - 33 351.5 M HAAT
 Job Title: NCN - FAYETTEVILLE AR

CALL STATUS	CITY STATE	FCC#	CH/CL-ZN	ERP-kw COMMENTS	HAAT-m DA	LATITUDE LONGITUDE	BEAR-to -from-xT	DIST-km CLEAR-km	REQ -km
KUAR CP	Little Rock AR		206C1	74.	269	34 47 50 92 29 26	129.7x 310.6x	182.3	
Des. KUAR	60 dBu -	66.9 km	Undes. NCNAR.	54 dBu -	70.1 km	+45.3	137.0		
Undes. KUAR	54 dBu -	97.7 km	Des. NCNAR.	60 dBu -	47.0 km	+37.6	144.7		
KUAR CP M	Little Rock AR		206C1	74.	272	34 47 57 92 29 29	129.6x 310.5x	182.1	
Des. KUAR	60 dBu -	67.1 km	Undes. NCNAR.	54 dBu -	70.1 km	+44.9	137.2		
Undes. KUAR	54 dBu -	98.0 km	Des. NCNAR.	60 dBu -	47.0 km	+37.1	145.0		
KTCSEFM LIC	Fort Smith AR		260C	100.	585	35 4 20 94 40 50	214.4x 34.1x	105.1	47.5
KEMV LIC	MOUNTAIN VIEW AR		6TV-2	100	424	35 48 47 92 17 24	91.1x 272.1x	156.9	
Des. KEMV	47 dBu -	113.5 km	Undes. NCNAR.	73.3 dBu -	25.2 km	+18.2	138.7		
KWGS LIC	Tulsa OK		208C1	50.	925	96 1 15 95 40 32	277.6x 96.6x	150.0	
Des. KWGS	60 dBu -	67.2 km	Undes. NCNAR.	54 dBu -	70.1 km	+12.7	137.3		
Undes. KWGS	54 dBu -	98.1 km	Des. NCNAR.	60 dBu -	47.0 km	+4.9	145.1		
KOTV LIC	TULSA OK		6TV-2	100	573	36 1 15 95 40 32	277.6x 96.6x	150.0	
Des. KOTV	47 dBu -	126.3 km	Undes. NCNAR.	73.3 dBu -	25.2 km	-1.5*	151.5		
Des. KOTV	68 dBu -	71.4 km	Undes. NCNAR.	67.3 dBu -	36.2 km	+42.4	107.6		
ADD	Cassville MO		261A			36 37 0 93 48 31	12.4x 192.5x	86.9	28.5
KXMS LIC	Joplin MO		204C2	10.0	56	37 5 57 94 27 46	344.7x 164.5x	143.7	98.0
								+45.7	
KWFC LIC	Springfield MO		206C2	50.	82	37 14 23 93 17 5	22.8x 203.3x	167.5	
Des. KWFC	60 dBu -	41.6 km	Undes. NCNAR.	54 dBu -	70.1 km	+55.8	111.7		
Undes. KWFC	54 dBu -	67.1 km	Des. NCNAR.	60 dBu -	47.0 km	+53.4	114.1		

EXHIBIT: E-6a (page 1)
LOCATION: FAYETTEVILLE, AR.
CHANNEL: 207
DATE: AUGUST 1990

TV-6 INTERFERENCE:

FCC 73.525 requires EDFM stations operating on Channel 207 to protect all TV-6 stations located within 196 kilometers. There are two such stations:

- 1) KOTV TV-6 Tulsa, Oklahoma
File No. BLCT-841031KI
100 Kw @ 573 meters 150.0 Km removed
- 2) KEMV TV-6 Mountain View, Arkansas
File No. BLET-800903KE
100 Kw @ 424 meters 156.9 Km removed

The necessary calculations have been performed as per 73.525 (Docket 20735). The results confirm that the proposed EDFM will fully comply with the TV-6 Interference requirements of 73.525 (Docket 20735)

- 1) KOTV TV-6. The "Projected Interference Area" was calculated to be 69.0 kilometers.

KOTV 100 Kw @ 1935' @ 96.6°
47 dBu is 127.4 Km

NEW FM 5 Kw @ 1242' @ 277.6°
73 dBu is 26.2 Km
(U/D Ratio: 73.3)

The Interference Area was calculated by using the respective contours at 1° intervals. Exhibit E-6b is a Arkansas County Subdivision Map showing Interference Area.

The "Projected Interference Population" was calculated to be 546 people:

Cove Creek Township	510 x 27%	=	138
Valley Township	729 x 37%	=	<u>270</u>
TOTAL POPULATION			408

EXHIBIT: E-6a (page 2)
LOCATION: FAYETTEVILLE, AR.
CHANNEL: 207
DATE: AUGUST 1990

TV-6 INTERFERENCE: (con't)

2) KEMV TV-6:

156.9	Distance to KEMV (km)
-113.5	Distance to KEMV 47 dBu Contour
-25.2	Distance to NEW FM 73.3 Contour

+18.2	Buffer Zone (clearance)

The study confirms that the proposed EDFM will only have a Projected Interference Population of aprx. 400 people. This is well below the 3,000 allowed by 73.525 (Docket 20735) Therefore, we believe the proposed EDFM will be in the best public interest as it will provide a new format to the area.

I certify that I have examined the foregoing engineering statement and that it is accurate and correct to the best of my knowledge.


Richard Van Zandt
August 15, 1990