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Federal Communications Commission Washington, D.C. 20554  <p style="text-align: center;"><b>FCC 301</b></p>	Approved by OMB 3060-0027 (March 2001)  FOR FCC USE ONLY
<p><b>APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION</b></p> <p>Read INSTRUCTIONS Before Filling Out Form</p>	FOR COMMISSION USE ONLY FILE NO. BPH - 20020111AAI

**Section I - General Information**

1. Legal Name of the Applicant  
 KEYSTONE BROADCASTING CORPORATION

Mailing Address  
 1913 WEST ELM STREET

City DURANT	State or Country (if foreign address) OK	ZIP Code 74701 -
Telephone Number (include area code) 5809243100	E-Mail Address (if available)	
	Call Sign KHKC-FM	Facility ID Number 3652

2. Contact Representative (if other than applicant)  
 M. SCOTT JOHNSON, ESQUIRE

Firm or Company Name  
 GARDNER, CARTON & DOUGLAS

Mailing Address  
 1301 K STREET, N.W.  
 SUITE 900 - EAST TOWER

City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20005 -
Telephone Number (include area code) 2024087122	E-Mail Address (if available) SJOHNSON@DC.GCD.COM	

3. If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114):  
 Governmental Entity  Other

4. **Application Purpose**

<input type="radio"/> New station	<input type="radio"/> Major Modification of construction permit
<input type="radio"/> Major Change in licensed facility	<input type="radio"/> Minor Modification of construction permit
<input checked="" type="radio"/> Minor Change in licensed facility	<input type="radio"/> Major Amendment to pending application
	<input type="radio"/> Minor Amendment to pending application

(a) File number of original construction permit:  NA

(b) Service Type:  AM  FM  TV  DTV

(c) Community of License:  
 City: ATOKA State: OK

(d) Facility Type  Main  Auxiliary

If an amendment, submit as an Exhibit a listing by Section and Question Number the portions of the pending application that are being revised. [Exhibit 1]

**NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.**

**Section II - Legal**

<b>1.</b>	<p><b>Certification.</b> Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.</p>	<input checked="" type="radio"/> Yes <input type="radio"/> No										
<b>2.</b>	<p><b>Parties to the Application.</b></p> <p>a. List the applicant, and, if other than a natural person, its officers, directors, stockholders with attributable interests, non-insulated partners and/or members. If a corporation or partnership holds an attributable interest in the applicant, list separately its officers, directors, stockholders with attributable interests, non-insulated partners and/or members. Create a separate row for each individual or entity. Attach additional pages if necessary.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(1) Name and address of the applicant and each party to the application holding an attributable interest (if other than individual also show name, address and citizenship of natural person authorized to vote the stock or holding the attributable interest). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and other entities with attributable interests, and partners.</p> </div> <div style="width: 45%;"> <p>(2) Citizenship.</p> <p>(3) Positional Interest: Officer, director, general partner, limited partner, LLC member, investor/creditor attributable under the Commission's <b>equity/debt plus standatd</b>, etc.</p> <p>(4) Percentage of votes.</p> <p>(5) Percentage of total assets (equity plus debt).</p> </div> </div> <p>[Enter Parties/Owners Information]</p> <p style="text-align:center;"><b>Parties to the Application</b></p> <p>List the applicant, and, if other than a natural person, its officers, directors, stockholders with attributable interests, non-insulated partners and/or members. If a corporation or partnership holds an attributable interest in the applicant, list separately its officers, directors, stockholders with attributable interests, non-insulated partners and/or members. Create a separate row for each individual or entity.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(1) Name and address of the applicant and, if applicable, its officers, directors, stockholders, or partners (if other than individual also show name, address, and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and partners.</p> <p>(2) Citizenship.</p> <p>(3) Positional Interest: Officer, director, general partner, limited partner, LLC member, etc.</p> <p>(4) Percentage of votes.</p> <p>(5) Percentage of equity.</p> </div> </div> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width:45%;">(1) Name and Address</th> <th style="width:10%;">(2) Citizenship</th> <th style="width:15%;">(3) Positional Interest</th> <th style="width:15%;">(4) Percentage of Votes</th> <th style="width:15%;">(5) Percentage of Equity</th> </tr> </thead> <tbody> <tr> <td>NOT REQUIRED</td> <td>US</td> <td>NOT REQUIRED</td> <td></td> <td></td> </tr> </tbody> </table>		(1) Name and Address	(2) Citizenship	(3) Positional Interest	(4) Percentage of Votes	(5) Percentage of Equity	NOT REQUIRED	US	NOT REQUIRED		
(1) Name and Address	(2) Citizenship	(3) Positional Interest	(4) Percentage of Votes	(5) Percentage of Equity								
NOT REQUIRED	US	NOT REQUIRED										
	<p>b. Applicant certifies that equity and financial interests not set forth above are non-attributable.</p>	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A See Explanation in [Exhibit 2]										
<b>3.</b>	<p><b>Other Authorizations.</b> List call signs, locations, and facility identifiers of all other broadcast stations in which applicant or any party to the application has an attributable interest.</p>	<input type="checkbox"/> N/A [Exhibit 3]										

4.	<p><b>Multiple Ownership.</b></p> <p>a. Applicant certifies that the proposed facility:</p> <ol style="list-style-type: none"> <li>1. complies with the Commission's multiple and cross-ownership rules;</li> <li>2. does not present an issue under the Commission's policies relating to media interests of immediate family members;</li> <li>3. complies with the Commission's policies relating to future ownership interests; and</li> <li>4. complies with the Commission's restrictions relating to the insulation and non-participation of non-party investors and creditors.</li> </ol> <p>b. Radio Applicants Only. If the grant of the application would result in certain principal community service contour overlaps, see Local Radio Ownership Worksheet, Question 1, applicant certifies that all relevant information has been placed in public inspection file(s) and submitted to the Commission.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 4]</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A See Explanation in [Exhibit 5]</p>
5.	<p><b>Character Issues.</b> Applicant certifies that neither applicant nor any party to the application has or has had any interest in or connection with:</p> <ol style="list-style-type: none"> <li>a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or</li> <li>b. any pending broadcast application in which character issues have been raised.</li> </ol>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 6]</p>
6.	<p><b>Adverse Findings.</b> Applicant certifies that, with respect to the applicant and any party to the application, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another government unit; or discrimination.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 7]</p>
7.	<p><b>Alien Ownership and Control.</b> Applicant certifies that it complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 8]</p>
8.	<p><b>Program Service Certification.</b> Applicant certifies that it is cognizant of and will comply with its obligations as a commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
9.	<p><b>Local Public Notice.</b> Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
10.	<p><b>Auction Authorization.</b> If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable.</p> <p><b>An exhibit is required unless this question is inapplicable.</b></p>	<p><input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A [Exhibit 9]</p>
11.	<p><b>Anti-Drug Abuse Act Certification.</b> Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
12.	<p><b>Equal Employment Opportunity (EEO).</b> If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report on FCC Form 396-A.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A</p>

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing ROBERT S. SULLINS	Typed or Printed Title of Person Signing ROBERT S. SULLINS
Signature	Date 12/15/2001

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

<b>Section III-B - FM Engineering</b>		
<b>TECHNICAL SPECIFICATIONS</b>		
Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.		
<b>TECH BOX</b>		
1.	Channel Number: 271	
2.	Class (select one): <input checked="" type="radio"/> A <input type="radio"/> B1 <input type="radio"/> B <input type="radio"/> C3 <input type="radio"/> C2 <input type="radio"/> C1 <input type="radio"/> C0 <input type="radio"/> C <input type="radio"/> D	
3.	Antenna Location Coordinates: (NAD 27)  Latitude: Degrees 34 Minutes 25 Seconds 8 <input checked="" type="radio"/> North <input type="radio"/> South  Longitude: Degrees 96 Minutes 11 Seconds 24 <input checked="" type="radio"/> West <input type="radio"/> East	
4.	One Step Proposal Allotment Coordinates: (NAD 27) <input checked="" type="checkbox"/> Not Applicable  Latitude: Degrees Minutes Seconds <input type="radio"/> North <input type="radio"/> South  Longitude: Degrees Minutes Seconds <input type="radio"/> West <input type="radio"/> East	
5.	Antenna Structure Registration Number: 1010436 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA	
6.	Overall Tower Height Above Ground Level:	138.5meters
7.	Height of Radiation Center Above Mean Sea Level:	323 meters(H) 323 meters(V)
8.	Height of Radiation Center Above Ground Level:	134.6meters(H) 134.6meters(V)
9.	Height of Radiation Center Above Average Terrain:	134.7meters(H) 134.7meters(V)
10.	Effective Radiated Power:	3.38 kW(H) 3.38 kW(V)
11.	Maximum Effective Radiated Power: <input checked="" type="checkbox"/> Not Applicable (Beam-Tilt Antenna ONLY)	kW(H) kW(V)
12.	Directional Antenna Relative Field Values: <input type="checkbox"/> Not applicable (Nondirectional)  Rotation (Degrees): 0 <input type="checkbox"/> No Rotation	

Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0	1	10	1	20	1	30	1	40	1	50	1
60	1	70	1	80	1	90	1	100	1	110	0.83
120	0.72	130	0.7	140	0.72	150	0.78	160	0.876	170	0.696
180	0.56	190	0.515	200	0.475	210	0.48	220	0.515	230	0.585
240	0.737	250	0.927	260	1	270	1	280	1	290	1
300	1	310	1	320	1	330	1	340	1	350	1
Additional Azimuths		123	0.707	135	0.7	225	0.525				

**NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.**

**CERTIFICATION**

**AUXILIARY ANTENNA APPLICANTS ARE NOT REQUIRED TO RESPOND TO ITEMS 13-16. PROCEED TO ITEM 17.**

13.	<b>Allotment.</b> The proposed facility complies with the allotment requirements of 47 C.F.R. Section 73.203.	<input checked="" type="radio"/> Yes <input type="radio"/> No  See Explanation in [Exhibit 21]
14.	<b>Community Coverage.</b> The proposed facility complies with 47 C.F.R. Section 73.315.	<input checked="" type="radio"/> Yes <input type="radio"/> No  See Explanation in [Exhibit 22]
15.	<b>Main Studio Location.</b> The proposed main studio location complies with 47 C.F.R. Section 73.1125.	<input checked="" type="radio"/> Yes <input type="radio"/> No  See Explanation in [Exhibit 23]
16.	<b>Interference.</b> The proposed facility complies with all of the following applicable rule sections: Check all those that apply:  <b>Separation Requirements.</b> <input type="checkbox"/> a) 47 C.F.R. Section 73.207  <b>Grandfathered Short-Spaced.</b>  <input type="checkbox"/> b) 47 C.F.R. Section 73.213(a) with respect to station(s): [Exhibit 25] <b>Exhibit required</b> <input type="checkbox"/> c) 47 C.F.R. Section 73.213(b) with respect to station(s): [Exhibit 26] <b>Exhibit required</b> <input type="checkbox"/> d) 47 C.F.R. Section 73.213(c) with respect to station(s): [Exhibit 27] <b>Exhibit required.</b>  <b>Contour Protection</b>  <input checked="" type="checkbox"/> e) 47 C.F.R. Section 73.215 with respect to station(s): [Exhibit 28] <b>Exhibit required.</b>	<input checked="" type="radio"/> Yes <input type="radio"/> No  See Explanation in [Exhibit 24]

<p>17. <b>Environmental Protection Act.</b> The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an <b>Exhibit is required.</b></p> <p>By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 29]</p>
<p><b>PREPARERS CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.</b></p>	

**SECTION III - PREPARER'S CERTIFICATION**

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name WARREN M. POWIS	Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER		
Signature	Date 12/15/2001		
Mailing Address 1300 L STREET, N.W. SUITE 1100			
City WASHINGTON	State or Country (if foreign address) DC	Zip Code 20005 -	
Telephone Number (include area code) 2028980111	E-Mail Address (if available) CDE@ATTGLOBAL.NET		

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

**Exhibits**

**Exhibit 3**

**Description:** OTHER AUTHORIZATIONS

ROBERT S. SULLINS IS THE OWNER OF KEOR (AM).

**Attachment 3**

**Exhibit 28**

**Description:** EXHIBIT 28

PLEASE SEE ATTACHED ENGINEERING EXHIBIT.

**Attachment 28**

Description	Type
Engineer's Report in Support of KHKC-FM Minor Modification Application	Adobe Acrobat File

ENGINEERING REPORT  
RE MINOR CHANGE APPLICATION  
KHKC-FM, ATOKA, OKLAHOMA  
CH. 271A (102.1 MHZ) 3.38 KW (H&V) 134.7 M HAAT

JANUARY 2002

COHEN, DIPPELL AND EVERIST, P.C.  
CONSULTING ENGINEERS  
RADIO AND TELEVISION  
WASHINGTON, D.C.

COHEN, DIPPELL AND EVERIST, P. C.

City of Washington )  
 ) ss  
District of Columbia )

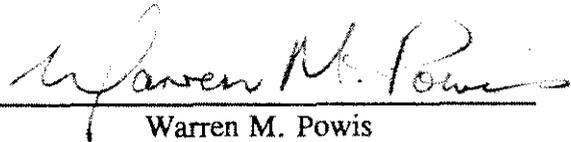
Warren M. Powis, being duly sworn upon his oath, deposes and states that:

He is a graduate electrical engineer of the University of Canterbury, New Zealand, a Registered Professional Engineer in the District of Columbia, the State of Virginia, the State of South Carolina, and Vice President of Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio - Television, with offices at 1300 L Street, N.W., Suite 1100, Washington, D.C. 20005; previously employed for 15 years with the New Zealand Broadcasting Corporation; a member of the Institution of Professional Engineers New Zealand (IPENZ), the Association of Federal Communications Consulting Engineers (AFCCE), and the National Society of Professional Engineers (NSPE).

That his qualifications are a matter of record in the Federal Communications Commission;

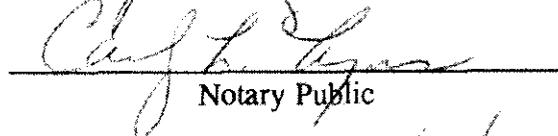
That the attached engineering report was prepared by him or under his supervision and direction and,

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.



Warren M. Powis  
District of Columbia  
Professional Engineer  
Registration No. 8339

Subscribed and sworn to before me this 11<sup>th</sup> day of January, 2002.

  
Notary Public

My Commission Expires: 2/28/2003

### Introduction

This engineering report has been prepared on behalf of Keystone Broadcasting Corporation in support of his minor change application to relax directional antenna constraints of KHKC-FM. The FM operation is proposed on Channel 271A (102.1 MHz) with 3.38 kW (H&V) (directional) effective radiated power (ERP) and 134.7 meters height above average terrain (HAAT) redetermined using the computerized 3-second NGDC data base.

The proposed operation has been designed for mutual protection with KDGE(FM), Channel 271C, Fort Worth-Dallas, Texas (FCC File No. BLH-19910508KB) and to KBUS(FM), Channel 270C2, Paris, Texas (FCC File No. BLH-19881116KB). Therefore, the applicant requests processing of its application under Section 73.215 of the Commission's Rules. Since KHKC-FM is also short-spaced to the unused Channel 272A allotment at Antlers, Oklahoma, the applicant is concurrently filing a request for proposed rule making to amend the reference coordinates for the Antlers Channel 272A allotment.

### Public Interest

This proposal will increase the antenna relative field across Atoka from 0.178 (0.105 kW ERP) to 0.700 (1.656 kW) and increase the 60 dBu coverage area from 1,404 to 2,182 sq. km with an associated 21.4% increase in population served from 12,686 to 15,400 (2000 Census).

In addition the predicted 60 dBu contour at 6 kW/100 meters above average terrain from the fully-spaced Antlers, Oklahoma, allotment will encompass an area of 2,544 sq. km and a population of 18,987 compared to an area of 2,526 sq. km and a population of 11,621 from the current allotment site. This represents a 63.4% increase in population served by the Antlers Channel 272A allotment.

Antenna Site

The proposed 2-bay, half-wavelength spaced FM antenna will be side-mounted on the existing KEOR(AM) tower. The proposed antenna is located at Hwy. 75, 4 miles northwest of Atoka located in both Coal and Atoka Counties, Oklahoma.

The geographic coordinates (NAD-27) of the proposed antenna site are as follows:

North Latitude: 34° 25' 08"

West Longitude: 96° 11' 24"

The following tabulation shows the pertinent data for the proposed installation.

Equipment Data

Transmitter:	Type-approved
Transmission Line:	450 feet (137.2 meters) Cablewave, Type HCC158-50 coaxial cable having an outer diameter of 1-5/8" or equivalent
Antenna:	ERI or equivalent 2-bay, half-wavelength spaced, circularly polarized

Power Data

Transmitter output power	3.206 kW
Transmission line efficiency	81.1%
Power input to antenna	2.60 kW
Antenna power gain (H&V) (assumed)	1.3
Effective Radiated Power (H&V)	3.38 kW

Elevation Data

Elevation of the site above mean sea level	188.4 meters
Elevation of the top of supporting structure above ground including lighting	138.5 meters
Elevation of the top of supporting structure above mean sea level including lighting	326.9 meters
Height of radiation center above ground (H&V)	134.6 meters
Height of radiation center above mean sea level (H&V)	323.0 meters
Height of radiation center above average terrain (H&V)	134.7 meters
Tower Registration No. 1010436	

Allocation Situation

The attached Table I shows the distances to the pertinent co-channel and adjacent channel stations and allotments from the proposed antenna site. As indicated, all distances comply with the minimum separation requirements listed under Section 73.207 of the Commission's Rules with the exception of that co-channel station KDGE, Fort Worth-Dallas, Texas, and to first-adjacent channel station KBUS, Paris, Texas. The proposed non-directional 3.38 kW operation at Atoka has been analyzed according to Section 73.215 of the Commission's Rules and meets the protection requirements to KDGE and KBUS (see Exhibit E-2).

Topographic Data

The average elevation data between 3 to 16 km used for the prediction of coverage and interfering contours is based on the NGDC computerized 3-second terrain data base.

### Contour Data

The distances to the predicted 100 mV/m, 3.16 mV/m, 1.0 mV/m, 0.5 mV/m, and 0.1 mV/m contours were determined from Figure 1 and 1a, Section 73.333 of the Commission's Rules and are shown on the attached Tables II, III, IV, and V. The predicted coverage and interfering contours are shown on Exhibits E-1, E-2, and E-3.

### Main Studio Location

The main studio is located inside the predicted 3.16 mV/m contour.

### Other Radio Stations

The proposed FM antenna will be side-mounted on the existing KEOR(AM) guyed tower. There is one FM translator station, but no TV stations located within 10 km of the proposed FM site. There are no other AM broadcast stations located within 3.22 km of the proposed site.

In case of problem to any authorized non-broadcast facilities of radio receivers, the applicant will take the necessary remedial steps to resolve the intermodulation interference.

### Blanketing Contour

The blanketing contour (115 dBu) based on an ERP of 3.38 kW will extend 0.72 km from the proposed site. The applicant will comply with all the pertinent requirements of Section 73.318 of the Commission's Rules.

### Environmental Statement

According to the applicant, the antenna site is not located near any known wilderness area, wildlife preserve, historic place, or Indian religious site. The proposed facilities are not located in a flood plain area. The proposed facilities will not affect or jeopardize the threatened or endangered

species or their critical habitats. The existing guyed tower does not involve significant changes in the surface features.

The existing guyed tower is lighted and painted as required by the FAA. The proposed site is not located near any residential neighborhood.

The proposed facilities will not affect any districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture.

An evaluation has been made to determine compliance with the Commission's specified standards for human exposure to RF radiation as set forth in the OET Bulletin 65 (Edition 97-01). For a combined effective radiated power of 6.76 kW, a radiation center of 134.6 meters above ground, and a relative downward field of 0.6 at 30° depression angle, the proposed FM operation would have a maximum of 1.2 microwatts per square centimeter ( $\mu\text{W}/\text{cm}^2$ ) RF radiation level at 2 meters above the base of the tower. The FCC standard for the FM band is 200  $\mu\text{W}/\text{cm}^2$  for an uncontrolled environment and 1000  $\mu\text{W}/\text{cm}^2$  for a controlled environment. The proposed antenna will replace the existing antenna which is located on the south tower of the KEOR, 5 kW, 1110 KHz, two-tower antenna array. The KEOR towers are precluded from public access by security fences and locked gates located at least two meters away from each tower.

Therefore, members of the public and personnel working around the proposed FM facility would not be exposed to RF radiation levels exceeding the FCC standards. With respect to work performed on the tower, the applicant will establish procedure to ensure that workers are not exposed to RF radiation levels above those prescribed by FCC, by reducing or turning off the power, as appropriate.

For the reasons stated above, the proposal does not involve any action specified in Section 1.1307(a) and (b) of the Commission's Rules; therefore, under Section 1.1306, it is categorically excluded from environmental processing.

TABLE I  
FM ALLOCATION SITUATION  
FOR THE CHANNEL 271A OPERATION OF  
KHKC-FM, ATOKA, OKLAHOMA  
JANUARY 2002

<u>Channel</u>	<u>Call</u>	<u>City/State</u>	<u>Geographic Coordinates NAD-27</u>	<u>Separation</u>	
				<u>Actual km</u>	<u>Required km</u>
271A	KHKC-FM	Atoka, OK	34°25'08" 96°11'24"	–	–
268C	None within 150 km			–	95
269C3	KZMP-FM	Denison- Sherman, TX	33°38'11" 96°41'57"	98.7	42
270C2	KBUS	Paris, TX	33°45'04" 95°24'51"	103.0 <sup>1</sup>	106
270C	KTST	Oklahoma City, OK	35°35'52" 97°29'22"	176.6	165
271C	KDGE	Fort Worth- Dallas, TX	32°34'54" 96°58'32"	216.5 <sup>1</sup>	226
272	Vacant Allot.	Antlers, OK	34°18'05" 95°33'06"	60.2 <sup>2</sup>	72
273C3	KMAD-FM	Madill, OK	33°41'31" 96°26'36"	84.0	42
274C	None within 150 km			–	95
217C	None within 50 km			–	29
218C	None within 50 km			–	29

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<sup>1</sup>Equivalent contour protection provided in accordance with Section 73.215 of the FCC Rules.

<sup>2</sup>Refer concurrently filed proposed rule making to change Ch. 272A, Antlers, OK reference coordinates to fully-spaced site at N 34°14'40", W 95°26'28".

TABLE II  
COMPUTED COVERAGE DATA  
FOR THE PROPOSED FM OPERATION OF  
KHKC-FM, ATOKA, OKLAHOMA  
JANUARY 2002

<u>Radial</u> <u>Bearing</u> N ° E, T	<u>Average*</u> <u>Elevation</u> <u>3 to 16 km</u> <u>meters</u>	<u>ERP</u> <u>kW</u>	<u>Predicted Distance to Contour</u>	
			<u>3.16 mV/m</u> <u>km</u>	<u>1.0 mV/m</u> <u>km</u>
0	139	3.38	16.5	28.6
45	127	3.38	15.7	27.6
90	132	3.38	16.0	28.0
135	139	1.66	13.7	24.5
180	139	1.06	12.3	22.1
225	142	0.93	12.0	21.7
270	133	3.38	16.1	28.1
315	127	3.38	15.7	27.6
123	145	1.69	14.1	25.0

\*NGDC 30-second terrain data base.

\*\*Radial through principal community not included in the calculation of HAAT.

Channel 271A (102.1 MHz)  
Effective Radiated Power 3.38 kW (5.29 dBk)  
Center of Radiation 323.0 meters AMSL  
Antenna Height Above Average Terrain 134.7 meters

NAD-27

North Latitude: 34° 25' 08"  
West Longitude: 96° 11' 24"

TABLE III  
COMPUTED CONTOUR DATA  
FOR THE PROPOSED FM OPERATION OF  
KHKC-FM, ATOKA, OKLAHOMA  
JANUARY 2002

<u>Radial</u> <u>Bearing</u> N ° E, T	<u>HAAT</u> meters	<u>ERP</u> kW	<u>Predicted Distance to Contours</u>			
			<u>F(50,50)</u> <u>60 dBu</u> km	<u>F(50,10)</u> <u>100 dBu</u> km	<u>F(50,10)</u> <u>54 dBu</u> km	<u>F(50,10)</u> <u>40 dBu</u> km
0	139	3.38	28.6	2.6	43.6	84.0
5	136	3.38	28.4	2.6	43.3	83.6
10	134	3.38	28.2	2.6	43.0	83.3
15	133	3.38	28.2	2.6	42.9	83.2
20	129	3.38	27.8	2.6	42.3	82.5
25	125	3.38	27.4	2.5	41.9	82.0
30	120	3.38	27.0	2.5	41.1	81.1
35	123	3.38	27.2	2.5	41.5	81.6
40	120	3.38	27.0	2.5	41.1	81.1
45	127	3.38	27.6	2.6	42.0	82.2
50	133	3.38	28.2	2.6	42.9	83.2
55	128	3.38	27.7	2.6	42.3	82.5
60	119	3.38	26.9	2.5	41.1	81.0
65	121	3.38	27.1	2.5	41.3	81.3
70	126	3.38	27.5	2.5	42.0	82.1
75	130	3.38	27.9	2.6	42.5	82.7
80	140	3.38	28.8	2.6	43.7	84.2
85	134	3.38	28.2	2.6	43.0	83.3
90	132	3.38	28.0	2.6	42.7	83.0
95	130	3.38	27.9	2.6	42.5	82.8
100	136	3.38	28.4	2.6	43.3	83.7
105	146	2.92	28.4	2.6	43.0	83.0
110	153	2.33	27.5	2.4	41.6	80.7
115	150	1.95	26.2	2.3	39.6	77.8
120	148	1.75	25.5	2.2	38.4	76.0
125	144	1.66	24.8	2.1	37.4	74.6
130	141	1.66	24.6	2.1	37.0	74.1
135	140	1.66	24.5	2.1	36.9	73.9
140	139	1.75	24.8	2.1	37.3	74.6
145	137	1.85	24.9	2.2	37.6	75.1
150	136	2.06	25.4	2.2	38.4	76.4
155	135	2.47	26.4	2.4	40.0	78.8
160	136	2.59	26.8	2.4	40.6	79.7
165	134	2.06	25.3	2.2	38.2	76.2

TABLE III  
COMPUTED CONTOUR DATA  
FOR THE PROPOSED FM OPERATION OF  
KHKC-FM, ATOKA, OKLAHOMA  
JANUARY 2002  
 (continued)

<u>Radial</u> <u>Bearing</u> N ° E, T	<u>HAAT</u> meters	<u>ERP</u> kW	<u>Predicted Distance to Contours</u>			
			<u>F(50,50)</u> <u>60 dBu</u> km	<u>F(50,10)</u> <u>100 dBu</u> km	<u>F(50,10)</u> <u>54 dBu</u> km	<u>F(50,10)</u> <u>40 dBu</u> km
170	133	1.64	23.9	2.1	36.0	72.7
175	138	1.30	23.1	1.9	34.5	70.2
180	139	1.06	22.1	1.8	32.9	67.7
185	133	0.97	21.2	1.7	31.3	65.5
190	135	0.90	20.9	1.7	30.9	64.7
195	134	0.83	20.5	1.6	30.2	63.6
200	137	0.76	20.3	1.6	29.9	63.0
205	137	0.76	20.3	1.6	30.0	63.0
210	136	0.78	20.4	1.6	30.0	63.1
215	137	0.83	20.7	1.6	30.6	64.1
220	139	0.90	21.2	1.7	31.4	65.4
225	142	0.93	21.7	1.7	32.1	66.5
230	141	1.16	22.7	1.9	33.8	69.1
235	141	1.45	23.9	2.0	35.9	72.3
240	142	1.84	25.3	2.2	38.1	75.7
245	142	2.31	26.6	2.3	40.3	79.0
250	142	2.90	27.9	2.5	42.4	82.2
255	140	3.38	28.7	2.6	43.7	84.2
260	139	3.38	28.7	2.6	43.6	84.1
265	133	3.38	28.2	2.6	42.9	83.2
270	133	3.38	28.1	2.6	42.8	83.1
275	131	3.38	27.9	2.6	42.6	82.8
280	125	3.38	27.5	2.5	41.9	82.0
285	121	3.38	27.1	2.5	41.3	81.3
290	121	3.38	27.1	2.5	41.3	81.3
295	118	3.38	26.8	2.5	40.8	80.8
300	116	3.38	26.6	2.5	40.6	80.6
305	121	3.38	27.0	2.5	41.2	81.2
310	124	3.38	27.3	2.5	41.7	81.8
315	127	3.38	27.6	2.6	42.1	82.3
320	127	3.38	27.6	2.6	42.1	82.3
325	133	3.38	28.1	2.6	42.8	83.1

TABLE III  
COMPUTED CONTOUR DATA  
FOR THE PROPOSED FM OPERATION OF  
KHKC-FM, ATOKA, OKLAHOMA  
JANUARY 2002  
 (continued)

<u>Radial</u> <u>Bearing</u> N ° E, T	<u>HAAT</u> meters	<u>ERP</u> kW	<u>Predicted Distance to Contours</u>			
			<u>F(50,50)</u> <u>60 dBu</u> km	<u>F(50,10)</u> <u>100 dBu</u> km	<u>F(50,10)</u> <u>54 dBu</u> km	<u>F(50,10)</u> <u>40 dBu</u> km
330	135	3.38	28.3	2.6	43.2	83.5
335	136	3.38	28.4	2.6	43.2	83.6
340	136	3.38	28.4	2.6	43.2	83.6
345	139	3.38	28.6	2.6	43.6	84.0
350	140	3.38	28.7	2.6	43.7	84.2
355	141	3.38	28.8	2.7	43.8	84.3

\*NGDC 3-second data base.

Channel 271A (102.1 MHz)  
 Effective Radiated Power 3.38 kW (5.29 dBk)  
 Center of Radiation 323.0 meters AMSL  
 Antenna Height Above Average Terrain 134.7 meters

NAD-27

North Latitude: 34° 25' 08"  
 West Longitude: 96° 11' 24"

TABLE IV  
COMPUTED CONTOUR DATA  
KDGE, FORTH WORTH-DALLAS, TEXAS  
CHANNEL 271C, 100 KW, 600 METERS  
JANUARY 2002

<u>Radial</u> <u>Bearing</u> N ° E, T	<u>HAAT*</u> meters	<u>Predicted Distance to Contour**</u>	
		<u>F(50,10)</u> 40 dBu <u>0.1 mV/m</u> km	<u>F(50,50)</u> 60 dBu <u>1.0 mV/m</u> km
0	631	199.8	93.0
5	626	199.4	92.8
10	609	198.3	92.1
15	598	197.6	91.7
20	577	196.1	90.9
25	572	195.8	90.7
30	575	196.1	90.8
35	577	196.2	90.9
40	582	196.5	91.1
45	586	196.8	91.3
50	589	197.0	91.4
55	589	197.0	91.4
60	588	196.9	91.4
65	588	196.9	91.3
70	591	197.1	91.5
75	593	197.2	91.5
80	592	197.2	91.5
85	585	196.7	91.2
90	580	196.4	91.0
95	575	196.0	90.8
100	579	196.3	91.0
105	577	196.2	90.9
110	582	196.5	91.1
115	586	196.8	91.2
120	590	197.0	91.4
125	593	197.3	91.5
130	592	197.2	91.5
135	580	196.4	91.0
140	572	195.8	90.7
145	565	195.4	90.4
150	564	195.3	90.3
155	566	195.4	90.4
160	575	196.1	90.8

TABLE IV  
COMPUTED CONTOUR DATA  
KDGE, FORTH WORTH-DALLAS, TEXAS  
CHANNEL 271C, 100 KW, 600 METERS  
JANUARY 2002  
 (continued)

<u>Radial</u> <u>Bearing</u> N ° E, T	<u>HAAT*</u> meters	<u>Predicted Distance to Contour**</u>	
		<u>F(50,10)</u> 40 dBu <u>0.1 mV/m</u> km	<u>F(50,50)</u> 60 dBu <u>1.0 mV/m</u> km
165	570	195.7	90.6
170	565	195.3	90.4
175	561	195.1	90.2
180	558	194.8	90.0
185	555	194.6	89.9
190	555	194.6	89.9
195	566	195.4	90.4
200	582	196.5	91.1
205	591	197.1	91.5
210	598	197.6	91.7
215	601	197.8	91.8
220	605	198.1	92.0
225	609	198.3	92.1
230	616	198.8	92.4
235	615	198.7	92.4
240	613	198.6	92.3
245	611	198.4	92.2
250	609	198.3	92.1
255	615	198.7	92.4
260	611	198.5	92.2
265	614	198.7	92.3
270	618	198.9	92.5
275	616	198.8	92.4
280	612	198.5	92.3
285	611	198.5	92.2
290	615	198.7	92.4
295	616	198.8	92.4
300	619	199.0	92.5
305	622	199.2	92.6
310	624	199.3	92.7
315	625	199.4	92.7
320	624	199.3	92.7

TABLE IV  
COMPUTED CONTOUR DATA  
KDGE, FORTH WORTH-DALLAS, TEXAS  
CHANNEL 271C, 100 KW, 600 METERS  
JANUARY 2002  
 (continued)

Radial Bearing N ° E, T	HAAT* meters	<u>Predicted Distance to Contour**</u>	
		F(50,10) 40 dBu 0.1 mV/m km	F(50,50) 60 dBu 1.0 mV/m km
325	625	199.4	92.7
330	625	199.4	92.8
335	629	199.6	92.9
340	631	199.8	93.0
345	633	199.9	93.0
350	634	199.9	93.1
355	632	199.8	93.0

Channel 271C (102.1 MHz)  
 Effective Radiated Power 100 kW (20 dBk)\*\*  
 Center of Radiation 792 meters AMSL\*\*  
 Assumed Antenna Height Above Average Terrain 600 meters\*

NAD-27

North Latitude: 32° 34' 54"  
 West Longitude: 96° 58' 32"

\*NGDC 3-second data base

\*\*Presumed use of maximum ERP and AHAAT for a Class C FM operation.

TABLE V  
COMPUTED CONTOUR DATA  
KBUS, PARIS, TEXAS  
CHANNEL 270C2, 50 KW, 150 METERS  
JANUARY 2002

Radial Bearing N ° E, T	HAAT* meters	<u>Predicted Distance to Contour**</u>	
		<u>F(50,10)</u> 54 dBu 0.5 mV/m km	<u>F(50,50)</u> 60 dBu 1.0 mV/m km
0	164	80.1	53.9
5	166	80.3	54.1
10	166	80.4	54.2
15	167	80.5	54.2
20	164	80.2	54.0
25	162	79.9	53.7
30	161	79.6	53.5
35	157	79.1	53.1
40	152	78.4	52.5
45	159	79.4	53.3
50	160	79.6	53.5
55	157	79.1	53.1
60	152	78.4	52.5
65	150	78.2	52.2
70	151	78.2	52.3
75	150	78.1	52.2
80	149	77.9	52.0
85	148	77.8	51.9
90	147	77.6	51.8
95	143	77.1	51.3
100	138	76.2	50.5
105	134	75.7	50.0
110	135	75.7	50.0
115	136	75.9	50.2
120	135	75.8	50.1
125	134	75.7	50.0
130	136	75.9	50.2
135	134	75.6	50.0
140	132	75.3	49.7
145	132	75.4	49.8
150	132	75.3	49.7
155	128	74.7	49.1
160	126	74.3	48.8

TABLE V  
COMPUTED CONTOUR DATA  
KBUS, PARIS, TEXAS  
CHANNEL 270C2, 50 KW, 150 METERS  
JANUARY 2002  
 (continued)

<u>Radial</u> <u>Bearing</u> N ° E, T	<u>HAAT*</u> meters	<u>Predicted Distance to Contour**</u>	
		<u>F(50,10)</u> 54 dBu <u>0.5 mV/m</u> km	<u>F(50,50)</u> 60 dBu <u>1.0 mV/m</u> km
165	124	73.9	48.5
170	124	74.1	48.6
175	128	74.6	49.1
180	132	75.3	49.7
185	133	75.4	49.8
190	132	75.4	49.7
195	135	75.7	50.0
200	136	75.9	50.2
205	137	76.1	50.4
210	136	76.0	50.3
215	137	76.2	50.5
220	139	76.4	50.6
225	139	76.4	50.7
230	141	76.7	51.0
235	146	77.4	51.6
240	145	77.3	51.5
245	147	77.6	51.8
250	151	78.2	52.3
255	153	78.5	52.5
260	157	79.2	53.1
265	159	79.4	53.3
270	158	79.2	53.2
275	156	78.9	52.9
280	153	78.6	52.6
285	151	78.2	52.3
290	148	77.8	52.0
295	151	78.3	52.3
300	153	78.5	52.6
305	151	78.2	52.3
310	152	78.4	52.4
315	150	78.2	52.2
320	152	78.5	52.5

TABLE V  
COMPUTED CONTOUR DATA  
KBUS, PARIS, TEXAS  
CHANNEL 270C2, 50 KW, 150 METERS  
JANUARY 2002  
 (continued)

Radial Bearing N ° E, T	HAAT* meters	<u>Predicted Distance to Contour**</u>	
		F(50,10) 54 dBu <u>0.5 mV/m</u> km	F(50,50) 60 dBu <u>1.0 mV/m</u> km
325	156	79.0	53.0
330	160	79.5	53.4
335	162	79.8	53.6
340	161	79.7	53.6
345	162	79.8	53.7
350	164	80.0	53.9
355	166	80.3	54.1

Channel 270C2 (101.9 MHz)  
 Effective Radiated Power 50 kW (16.99 dBk)\*\*  
 Center of Radiation 297 meters AMSL\*\*  
 Assumed Antenna Height Above Average Terrain 150 meters\*

NAD-27

North Latitude: 32° 34' 54"  
 West Longitude: 96° 58' 32"

\*NGDC 3-second data base.

\*\*Presumed use of maximum ERP and AHAAT for a Class C2 FM operation.

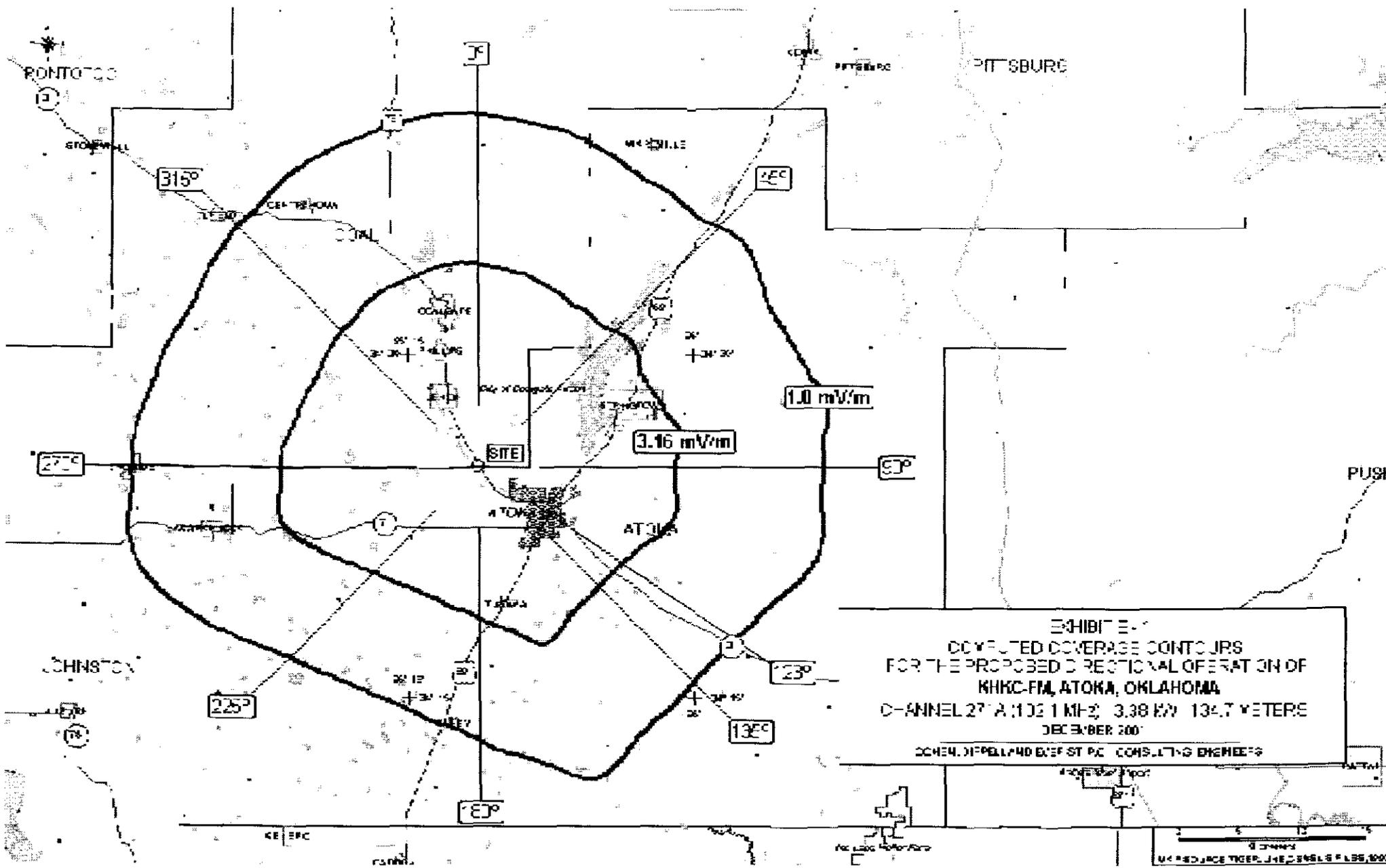
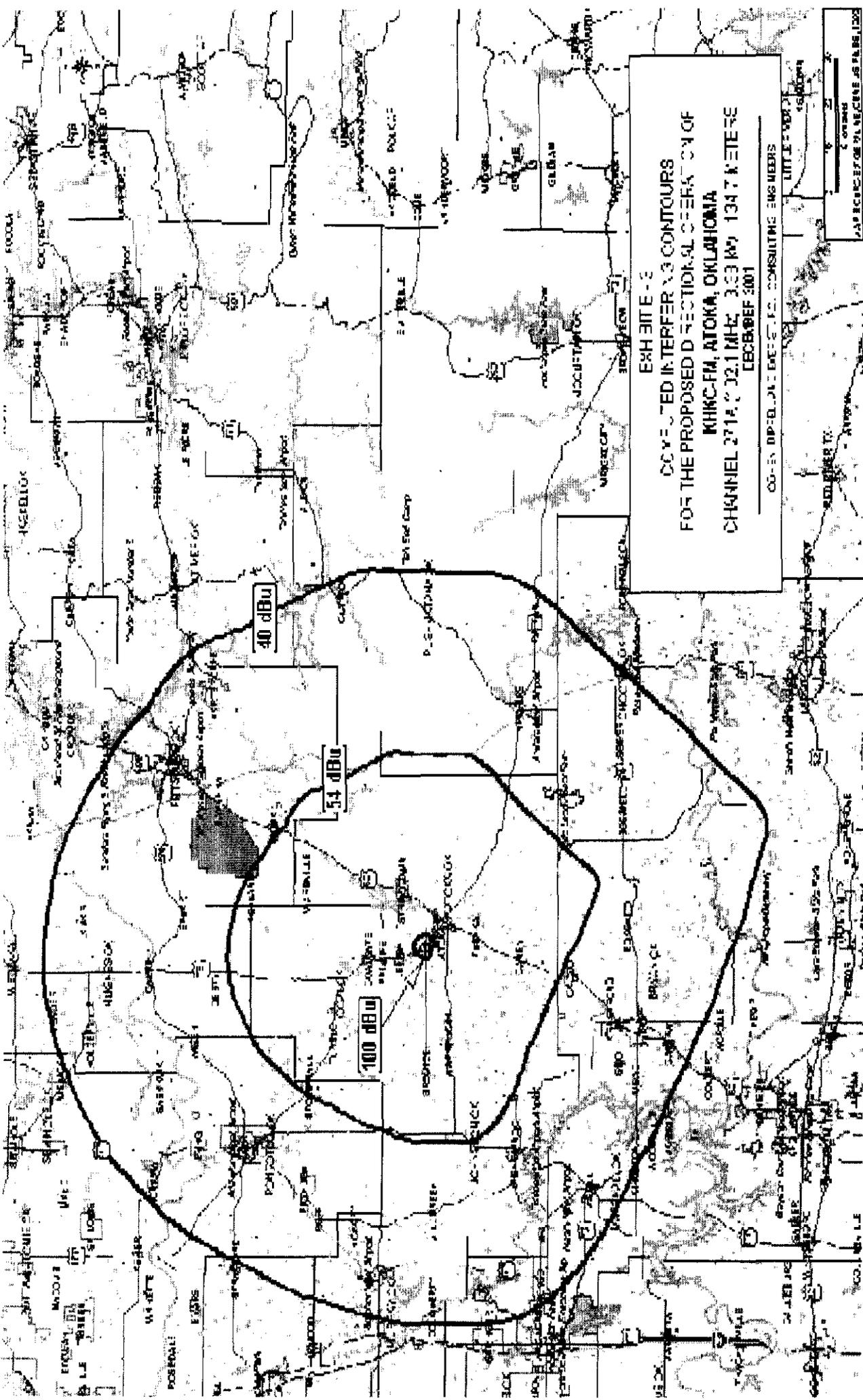


EXHIBIT E-1  
 COMPUTED COVERAGE CONTOURS  
 FOR THE PROPOSED D RESTRICTIONAL OPERATION OF  
 KHRC-FM, ATOKA, OKLAHOMA  
 C-CHANNEL 27 A (102.1 MHz) 3.38 KW 134.7 METERS  
 DECEMBER 2001  
 DCHEN, DIFPELLAND ENF ST PC CONSULTING ENGINEERS

1" = 1 MILE  
 UNITS: FEET, INCHES, MILES, POUNDS, KILOGRAMS





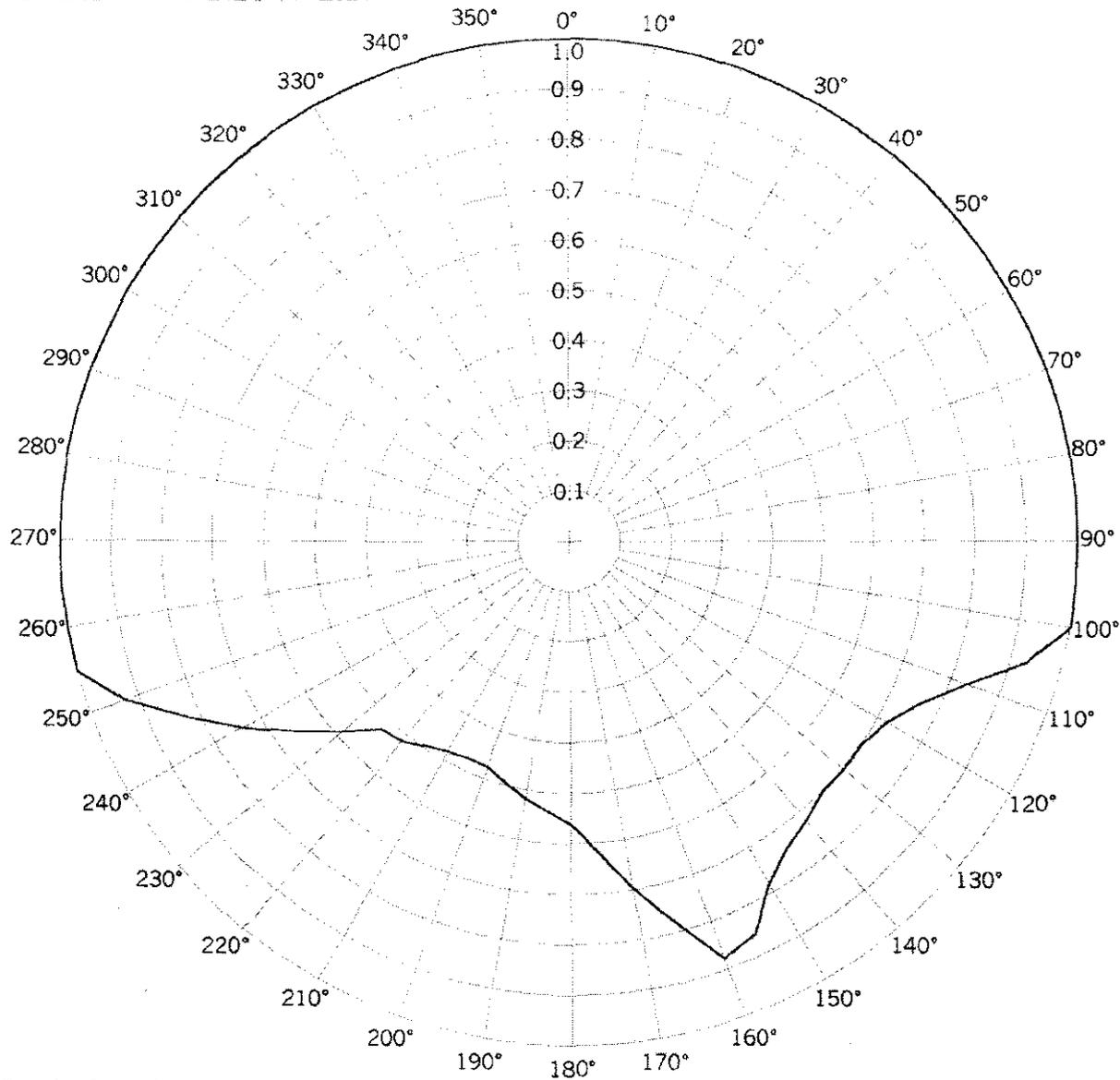
EXH BITE - 2  
 PREDICTED INTERFERENCE CONTOURS  
 FOR THE PROPOSED RADIO STATION OF  
 KHHC-FM, ATOKA, OKLAHOMA  
 CHANNEL 271A, 72.1 MHz, 3.53 kW, 134.7 METERS  
 DECEMBER 2001  
 COHEN, DILLON, JONES & CO., CONSULTING ENGINEERS  
 LITTLE ROCK, AR

SCALE  
 1" = 1 MILE  
 1" = 1000 FEET

EXHIBIT E-4  
TABULATION OF  
HORIZONTAL RADIATION PATTERN FOR  
KHHC-FM, ATOKA, OKLAHOMA  
JANUARY 2002

<u>Azimuth</u> N ° E, T	<u>Relative</u> <u>Field</u>	<u>ERP</u> kW	<u>Azimuth</u> N ° E, T	<u>Relative</u> <u>Field</u>	<u>ERP</u> kW
0	1.000	3.38	180	0.560	1.06
5	1.000	3.38	185	0.535	0.97
10	1.000	3.38	190	0.515	0.90
15	1.000	3.38	195	0.495	0.83
20	1.000	3.38	200	0.475	0.76
25	1.000	3.38	205	0.475	0.76
30	1.000	3.38	210	0.480	0.78
35	1.000	3.38	215	0.495	0.83
40	1.000	3.38	220	0.515	0.90
45	1.000	3.38	225	0.525	0.93
50	1.000	3.38	230	0.585	1.16
55	1.000	3.38	235	0.656	1.45
60	1.000	3.38	240	0.737	1.84
65	1.000	3.38	245	0.826	2.31
70	1.000	3.38	250	0.927	2.90
75	1.000	3.38	255	1.000	3.38
80	1.000	3.38	260	1.000	3.38
85	1.000	3.38	265	1.000	3.38
90	1.000	3.38	270	1.000	3.38
95	1.000	3.38	275	1.000	3.38
100	1.000	3.38	280	1.000	3.38
105	0.930	2.92	285	1.000	3.38
110	0.830	2.33	290	1.000	3.38
115	0.760	1.95	295	1.000	3.38
120	0.720	1.75	300	1.000	3.38
125	0.700	1.66	305	1.000	3.38
130	0.700	1.66	310	1.000	3.38
135	0.700	1.66	315	1.000	3.38
140	0.720	1.75	320	1.000	3.38
145	0.740	1.85	325	1.000	3.38
150	0.780	2.06	330	1.000	3.38
155	0.855	2.47	335	1.000	3.38
160	0.876	2.59	340	1.000	3.38
165	0.781	2.06	345	1.000	3.38
170	0.696	1.64	350	1.000	3.38
175	0.620	1.30	355	1.000	3.38

HORIZONTAL PLANE PATTERN



Relative Intensity

EXHIBIT E - 5  
COMPUTED HORIZONTAL  
RADIATION PATTERN  
(MAXIMUM ENVELOPE  
PLOTTED IN RELATIVE FIELD)  
KHKC-FM, ATOKA, OKLAHOMA  
DECEMBER 2001

COHEN, DIPPELL AND EVERIST, P.C.  
CONSULTING ENGINEERS

**SECTION III-B FM Engineering**

**TECHNICAL SPECIFICATIONS**

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

**TECH BOX**

1. Channel: 271

2. Class:  A  B1  B  C3  C2  C1  C  D

3. Antenna Location Coordinates: (NAD 27)

34 ° 25 ' 08 "  N  S Latitude  
96 ° 11 ' 24 "  E  W Longitude

4. One-Step Proposal Allotment Coordinates: (NAD 27)  Not applicable  
 \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ "  N  S Latitude  
 \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ "  E  W Longitude

5. Antenna Structure Registration Number: 1010436  
 Not applicable  FAA Notification Filed with FAA

6. Antenna Location Site Elevation Above Mean Sea Level: 188.4 meters

7. Overall Tower Height Above Ground Level: 138.5 meters

8. Height of Radiation Center Above Ground Level: 134.6 meters (H) 134.6 meters (V)

9. Height of Radiation Center Above Average Terrain: 134.7 meters (H) 134.7 meters (V)

10. Effective Radiated Power: 3.38 kW (H) 3.38 kW (V)

11. Maximum Effective Radiated Power:  Not applicable \_\_\_\_\_ kW (H) \_\_\_\_\_ kW (V)  
 (Beam-Tilt Antenna ONLY)

12. Directional Antenna Relative Field Values:  Not applicable (Nondirectional)  
 Rotation: 0 °  No rotation

Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.0	60	1.0	120	0.720	180	0.560	240	0.737	300	1.0
10	1.0	70	1.0	130	0.700	190	0.515	250	0.927	310	1.0
20	1.0	80	1.0	140	0.720	200	0.475	260	1.0	320	1.0
30	1.0	90	1.0	150	0.780	210	0.480	270	1.0	330	1.0
40	1.0	100	1.0	160	0.876	220	0.515	280	1.0	340	1.0
50	1.0	110	0.830	170	0.696	230	0.585	290	1.0	350	1.0
Additional Azimuths		123	0.707	135	0.700	225	0.525				

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

**CERTIFICATION**

**AUXILIARY ANTENNA APPLICANTS ARE NOT REQUIRED TO RESPOND TO ITEMS 13-16. PROCEED TO ITEM 17.**

13. **Allotment.** The proposed facility complies with the allotment requirements of 47 C.F.R. Section 73.203.  Yes  No See Explanation in Exhibit No.

14. **Community Coverage.** The proposed facility complies with 47 C.F.R. Section 73.315.  Yes  No See Explanation in Exhibit No.

15. **Main Studio Location.** The proposed main studio location complies with 47 C.F.R. Section 73.1125.  Yes  No See Explanation in Exhibit No.

16. **Interference.** The proposed facility complies with all of the following applicable rule sections. Check all those that apply.  Yes  No See Explanation in Exhibit No.

**Separation Requirements.**

a.  47 C.F.R. Section 73.207.

**Grandfathered Short-Spaced.**

b.  47 C.F.R. Section 73.213(a) with respect to station(s): \_\_\_\_\_ Exhibit No.  
**Exhibit Required.**

c.  47 C.F.R. Section 73.213(b) with respect to station(s): \_\_\_\_\_ Exhibit No.  
**Exhibit Required.**

d.  47 C.F.R. Section 73.213(c) with respect to station(s): \_\_\_\_\_ Exhibit No.  
**Exhibit Required.**

**Contour Protection.**

e.  47 C.F.R. Section 73.215 with respect to station(s): KDGE, KBUS Exhibit No.  
E  
**Exhibit Required.**

17. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (i.e., the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an **Exhibit is required.**  Yes  No See Explanation in Exhibit No.  
E

By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

**PREPARER'S CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.**

**SECTION III PREPARER'S CERTIFICATION**

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name Warren M. Powis Cohen, Dippell and Everist, P.C.		Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer	
Signature <i>Warren M. Powis</i>		Date <i>January 11, 2002</i>	
Mailing Address 1300 L Street, N.W., Suite 1100			
City Washington		State or Country (if foreign address) D.C.	ZIP Code 20005
Telephone Number (include area code) (202) 898-0111		E-Mail Address (if available) cde@attglobal.net	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT  
(U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT  
(U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).