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JUN 26 1996

FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20541

June 26, 1996

Mr. William F. Caton  
Acting Secretary  
Federal Communications Commission  
Room 222  
1919 M Street, N.W.  
Washington, D.C. 20554  
Attention: Allocations Branch

Re: Petition for Rulemaking  
Channel 294A  
Pulaski, Tennessee

Dear Mr. Caton:

Transmitted herewith, on behalf of D. Mitchell Self Broadcasting, Inc., are an original and four copies of its Petition for Rulemaking to amend the FM Table of Allotments to allot Channel 294A to Pulaski, Tennessee, as that community's second local FM service.

Should any additional information be required, please contact this office.

Very truly yours,

FLETCHER, HEALD & HILDRETH, P.L.C.

  
Frank R. Jazzo  
Counsel for  
D. Mitchell Self Broadcasting, Inc.

FRJ/bll  
Enclosures

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BEFORE THE  
**Federal Communications Commission**

WASHINGTON, D.C. 20554

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**'JUN 26 1996'**

FEDERAL COMMUNICATIONS COMMISSION  
 OFFICE OF SECRETARY

In the Matter of	)	
	)	
Amendment of Section 73.202(b)	)	MM Docket No. _____
of the Commission's Rules,	)	RM _____
FM Table of Allotments,	)	
to Allot Channel 294A to	)	
Pulaski, Tennessee	)	

To: Chief, Allocations Branch

**PETITION FOR RULEMAKING**

D. Mitchell Self Broadcasting, Inc. ("Self Broadcasting"), by its attorneys, hereby requests that the Commission institute a rulemaking proceeding for the purpose of allotting FM Channel 294A to Pulaski, Tennessee, as that community's second local FM service and first competitive FM service. Self Broadcasting proposes to amend Section 73.202(b) of the Commission's Rules, FM Table of Allotments, as follows:

<u>City</u>	<u>Channel No.</u>	
	<u>Present</u>	<u>Proposed</u>
Pulaski, Tennessee	252A	252A, 294A

No reassignment of existing allotments is requested.

1. If the requested allotment is made, Self Broadcasting will apply for a construction permit for a new FM station on Channel 294A at Pulaski, Tennessee. If Self Broadcasting is granted a construction permit, it will construct a new FM station to serve Pulaski, Tennessee.
2. As demonstrated in the attached engineering statement of Olvie E. Sisk, the allotment of Channel 294A to Pulaski, Tennessee, can be accomplished in compliance with all

minimum mileage separation requirements from an assumed transmitter site at 35° 12' 22"N; 87° 08' 17"W.<sup>1</sup> As shown in Mr. Sisk's engineering statement, the requisite 3.16 mV/m contour can be provided over the entire city of Pulaski, Tennessee, from the assumed site.

3. Pulaski, which had a 1990 U.S. Census population of 7,895, is the county seat of Giles County. Giles County is rapidly growing, with an 8.4% increase in population from 1990-1995, to an estimated total of 27,900. The allotment of Channel 294A will provide Pulaski with its second local FM service and a first competitive FM service. Therefore, the public interest will be served by the allotment of Channel 294A at Pulaski, Tennessee.

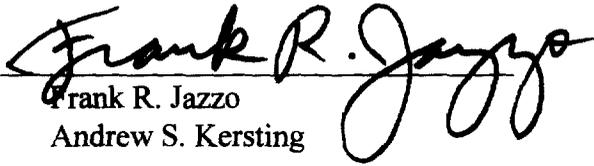
WHEREFORE, for the foregoing reasons, the Commission should initiate a rulemaking proceeding to amend Section 73.202(b) of its Rules by allotting Channel 294A at Pulaski, Tennessee.

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<sup>1</sup> The allotment of Channel 294A at Pulaski, Tennessee, was made possible by the recent downgrade of WQLT-FM to Channel 297C1 at Florence, Alabama (BPH-960322ID). While applications were filed for construction permits to modify the facilities of WDXE-FM, Lawrenceburg, Tennessee, and WXFL(FM), Florence, Alabama, (BPH-960322IB and BPH-960322IF, respectively), in anticipation of the WQLT-FM downgrade, such applications were filed in violation of the contingent application rule of Section 73.3517 of the Commission's Rules. Under separate cover, Self Broadcasting has filed an Informal Objection against the acceptance and processing of the WDXE-FM and WXFL(FM) applications.

Respectfully submitted,

D. MITCHELL SELF BROADCASTING, INC.

By:   
Frank R. Jazzo  
Andrew S. Kersting

Its Counsel

FLETCHER, HEALD & HILDRETH, P.L.C.  
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(703) 812-0400

June 26, 1996

bll/frj/self.p

**ALLOCATION STUDY FOR PULASKI, TENNESSEE  
FOR A NEW FM STATION  
CHANNEL 294-A**

**INTRODUCTION**

This allocation study is has been done to accompany a rule making for a new FM station to be allotted to Pulaski, Tennessee, on FM Channel 294-A. This request for the allocation of Channel 294-A to be assigned to Pulaski, Tennessee, is being made by D. Mitchell Self Broadcasting, Inc. This channel can be assigned to Pulaski since WQLT in Florence, Alabama, has filed a rule making and an application to be downgraded to a C-1.

WQLT was operating with the bare minimum facilities for a Class C FM. They have proposed to now operate as a C-1 by keeping their same antenna height and reducing their power 92 kw. 294-A can be assigned to Pulaski, Tennessee, without any other changes occurring in the FM Table of Assignments. Currently Pulaski has one FM station licensed to it. That station operates on 98.3 with 98.3 as a Class A and is grandfathered at just 3,000 watts maximum power. The proposal at Pulaski would operate with 6,000 watts of power with an antenna height 100 meters above average terrain.

Exhibits are attached to this report which shows beyond any doubt that Channel 294-A can be assigned to Pulaski. Pulaski has a 1990 population of 7,184 people. Giles County has a population of about 25,000 people. It is estimated that the population of Pulaski now is about 10,000 people.

Exhibit 1 is an allocation study which shows that this channel can be assigned to Pulaski

**ORIGINAL**

without any other changes being made to 73.202 since WQLT in Florence is downgrading.

Exhibit 2 is a computer generated map which shows that a Class A station operating on Channel 294-A at Pulaski can meet their minimum spacing requirements and place a city grade contour over Pulaski, Tennessee. There is a good size area where this channel can be utilized and still offer the required protection to all stations involved in this study. In order to determine the distance to the city grade contour hypothetical coordinates were selected so that a terrain study could be conducted to determine how far the 70 dbu contour would travel. As can be clearly seen from Exhibit 2, there is absolutely no doubt that this channel can be assigned to Pulaski.

Exhibit 3 is a computer generated map where we have plotted and marked the location where Channel 294-A can be utilized. This map illustrates the stations involved in the allocation study and shows their relationship to the hypothetical coordinates chosen for this proposal at Pulaski. The procedures the commission set forth in his rules were utilized to make all of the calculations in this report.

Exhibit 4 is a tabulation of the distance to contours. These contours show only the approximate extent of coverage over average terrain without any interference. In order to calculate the distance these contours, we follow the procedure the commission outlined in 73.312. The eight radials were plotted from the NGDC 30 second database starting with true north and then proceeding clockwise at 45 degree intervals until 360 degrees were completed. The ninth radial that passes through Pulaski was not included when the average of all the other radials were utilized to determine the average terrain. From the data we utilized above, we extracted elevation points in the 3-16 kilometers section only. No roughness factor was included in making these determinations.

## CONCLUSION

Based upon this information, it is obvious that Channel 294-A can be assigned to Pulaski as a second FM channel. This would give Pulaski its first full power Class A FM station. Therefore, the petitioner requests that the FM Table of Assignments 73:202(b) be amended to specify that 294-A is assigned to Pulaski, Tennessee. When this channel is assigned to Pulaski, D. Mitchell Self Broadcasting, Inc. will promptly apply for construction permit and when granted will promptly build and operate this proposed FM station. These technical exhibits were prepared by Olvie E. Sisk whose educational background and experience is a matter reckoned with the Federal Communications Commission.

Sisk Engineering, Inc. and Olvie E. Sisk assume no liability for any errors or omissions in the information hereby provided, and shall not be liable for any injuries or damages (including consequential) which might result from use of this engineering report. Sisk Engineering, Inc. and Olvie E. Sisk assume no liability for this report if it is accepted or rejected by the Federal Communications Commission. The Applicant agrees with these stated terms and conditions or this report is considered null and void and is not to be utilized in any way or filed with the Federal Communications Commission.



Olvie E. Sisk

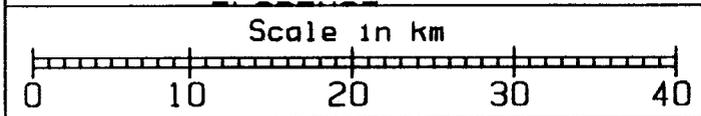
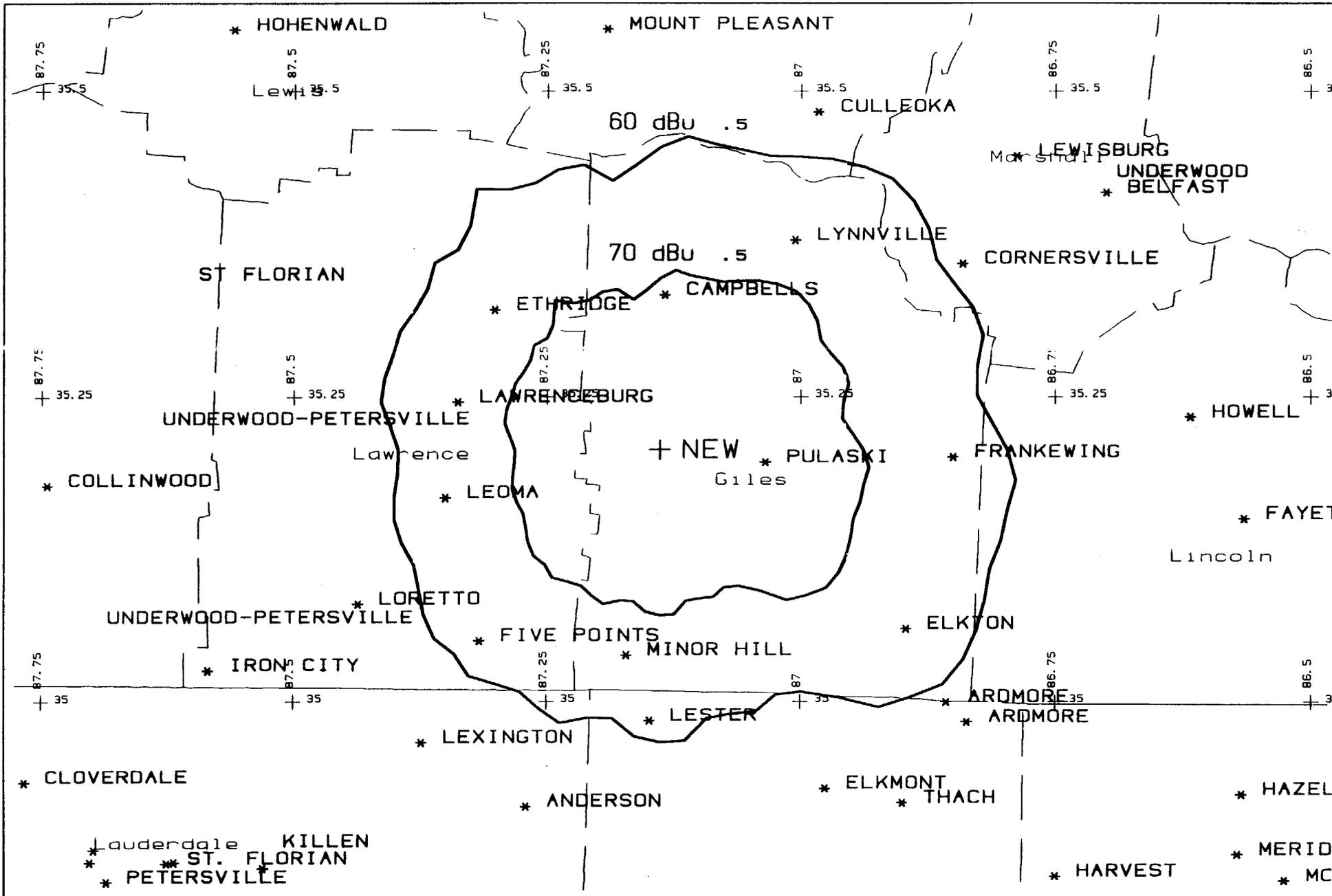
Date: June 12, 1996

GENE SISK - SISK ENGINEERING  
 HWY. 25 S. - RADIO BUILDING - FULTON MS 38843

PULASKI.TENNESSEE

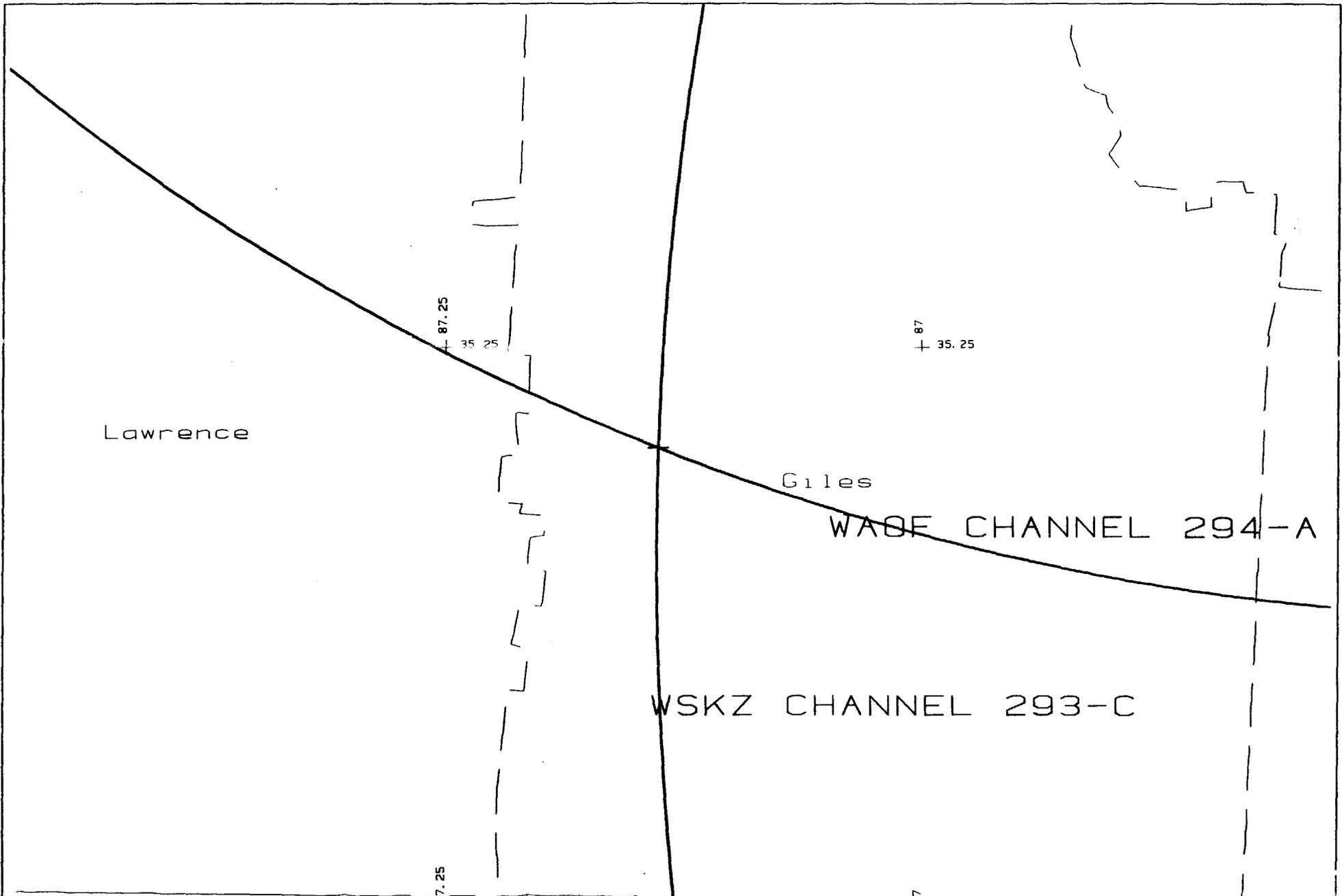
REFERENCE		CLASS	DISPLAY DATES
35 12 22 N			DATA 03-01-96
87 08 17 W		Current rules spacings	SEARCH 06-13-96
----- CHANNEL 294 -106.7 MHz -----			

CALL	CH#	CITY	STATE	BEAR'	D-KM	R-KM	MARGIN
WAOF.C	294A	Mount Juliet	TN	21.6	115.58	115.0	0.58 <
WSKZ	293C	Chattanooga	TN	91.7	165.82	165.0	0.82 <
WQLT	297C1	Florence	AL	221.8	79.23	75.0	4.23
WDXEFM	240A	Lawrenceburg	TN	290.2	16.35	10.0	6.35
WWZDFM	294C2	New Albany	MS	243.6	179.96	166.0	13.96
WODL	295C	Birmingham	AL	170.7	193.05	165.0	28.05
WWYN	295C1	Mckenzie	TN	297.4	167.85	133.0	34.85
WBTGFM	292C3	Sheffield	AL	226.6	82.86	42.0	40.86



NEW 294 6kW  
N. Lat. 35 12 22 W. Lng. 87 08 17

SISK 96



Lawrence

Giles

WAGF CHANNEL 294-A

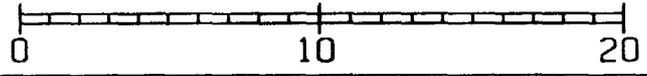
WSKZ CHANNEL 293-C

87.25  
+ 35.25

87  
+ 35.25

7.25

Scale in km



1kW

N. Lat. 35 12 22

W. Lng. 87 08 17

SISK ENGINEER - 06

**EXHIBIT 4****TERRAIN AND CONTOUR DATA  
PULASKI, TN.****ERP = 6 kW  
FM - 2-6 Tables**

<b>Azimuth Deg T.</b>	<b>Ave. Elev. 3 to 16 km Meters AMSL</b>	<b>Effective Antenna Height Meters AAT</b>	<b>ERP (dBk)</b>	<b>F(50-50) Distance to 70 dBu Contour km</b>	<b>F(50-50) Distance to 60 dBu Contour km</b>
0	258.7	94.4	7.782	15.6	27.5
45	221.4	131.7	7.782	18.8	32.0
90	229.8	123.3	7.782	18.1	31.1
135	223.9	129.2	7.782	18.6	31.7
180	265.5	87.6	7.782	15.0	26.6
225	268.5	84.6	7.782	14.7	26.1
270	286.1	67.0	7.782	13.1	23.5
315	271.3	81.8	7.782	14.4	25.7

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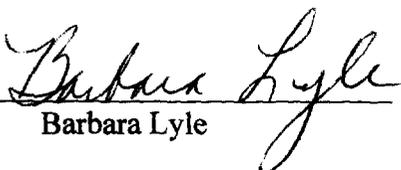
**Ave. = 253.2 M      100.0 M****Antenna Radiation Center AMSL = 353.1 M****Geographic Coordinates:****North latitude: 35 12 22  
West longitude: 87 08 17**

**CERTIFICATE OF SERVICE**

I, Barbara Lyle, a secretary in the law firm of Fletcher, Heald & Hildreth, P.L.C., do hereby certify that a copy of the foregoing "Petition for Rulemaking" was sent this 26th day of June, 1996, by first-class United States mail, postage prepaid, to:

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