

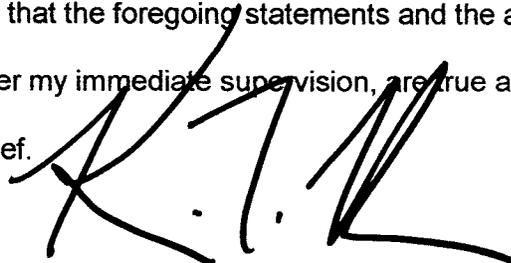
ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of ARKANSAS MEDIA, L.L.C., licensee of Low Power Television Station KLRA-LP, Channel 58 in Little Rock, Arkansas, in support of this Application for Construction Permit to specify operation on Channel 46 from the licensed KLRA-LP site. This proposal is being submitted in response to the Commission's reclamation of Channel 58 spectrum for future auction, thereby placing this LPTV station in a displacement situation.

It is proposed to mount a standard SWR omnidirectional antenna at the authorized height on the side of an existing 97-meter communications tower. Exhibit B is a map upon which the predicted service contours are plotted. It is important to note that the newly proposed 74 dBu contour encompasses a significant portion of that which obtains from the licensed KLRA-LP facility. Operating parameters for the proposed facility are tabulated in Exhibit C. A contour overlap analysis and interference study are provided in Exhibit D, and a power density calculation follows as Exhibit E.

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1042202 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

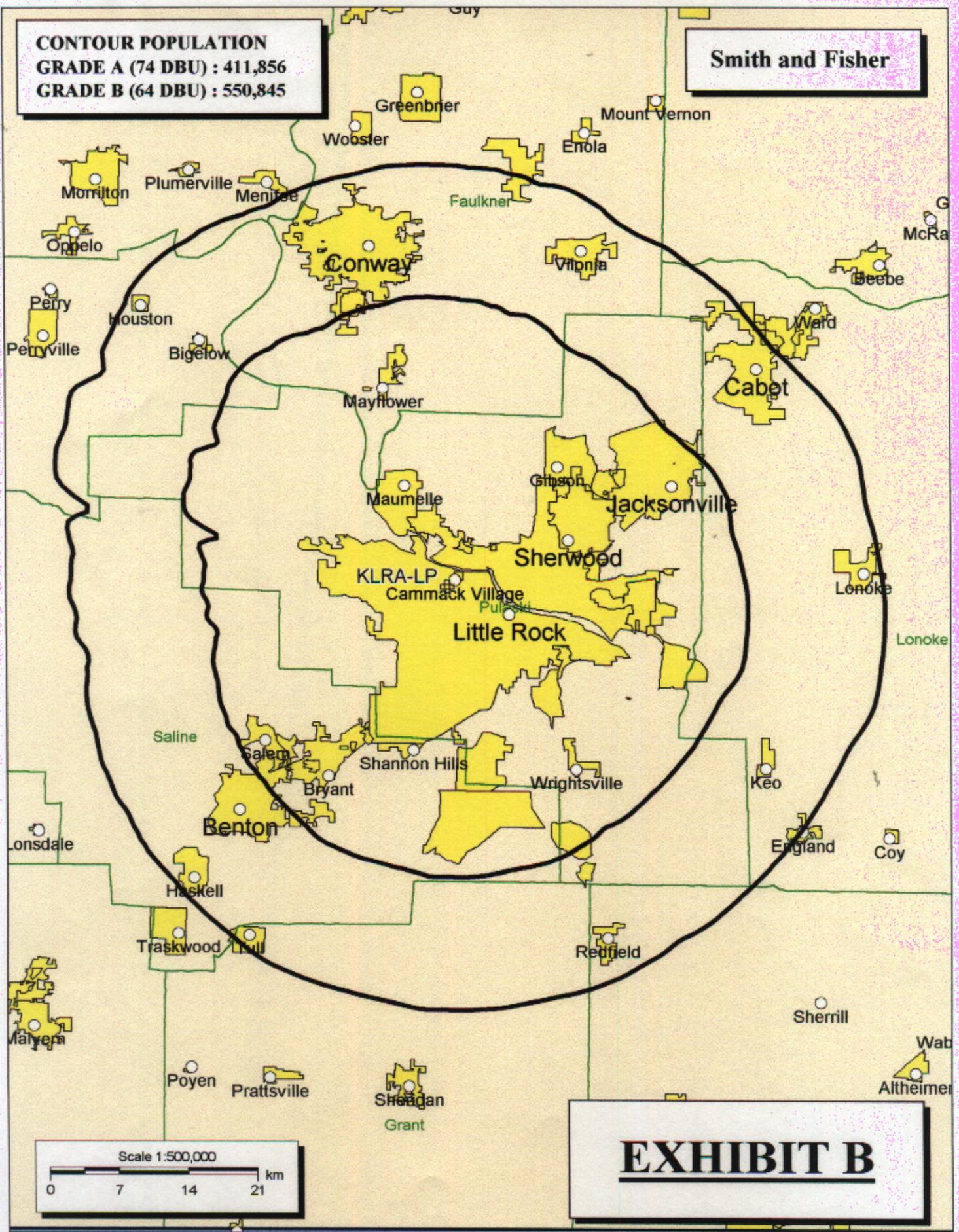


KEVIN T. FISHER

August 7, 2003

**CONTOUR POPULATION**  
**GRADE A (74 DBU) : 411,856**  
**GRADE B (64 DBU) : 550,845**

**Smith and Fisher**



Scale 1:500,000

0 7 14 21 km

**EXHIBIT B**

PROPOSED OPERATING PARAMETERS

PROPOSED KLRA-LP  
CHANNEL 46 - LITTLE ROCK, ARKANSAS

Transmitter Power Output:	2.9 kw
Transmission Line Efficiency:	70.5%
Antenna Power Gain – Toward Horizon:	19.56
Antenna Power Gain – Main Lobe:	28.90
Effective Radiated Power – Toward Horizon:	40.0 kw
Effective Radiated Power – Main Lobe:	58.8 kw
Transmitter Make and Model:	Type-accepted
Rated Output	3.0 kw
Transmission Line Make and Model:	Andrew H12-50
Size and Type:	2-1/4" air heliax
Length:	325 feet
Antenna Make and Model:	SWR SWLP160I
Orientation	Omnidirectional
Beam Tilt	0.9 degrees
Effective Height Above Ground:	93 meters
Effective Height Above Mean Sea Level:	273 meters

CONTOUR OVERLAP AND  
LONGLEY-RICE INTERFERENCE STUDIES  
PROPOSED KLRA-LP  
CHANNEL 46 - LITTLE ROCK, ARKANSAS

We conducted a computer analysis of the interference situation for the proposed facility, the results of which are shown in Exhibit D-2. The study is based on contour protection requirements of Sections 74.705, 74.706, and 74.707 of the FCC's Rules with respect to analog full-power, digital full-power, and low power television stations, respectively. It concludes that the facility proposed herein meets these requirements except to all stations.

It is important to note that the facility proposed herein does not meet the provisions of Section 74.706 of the FCC's Rules with respect to KETS-DT, Channel 47 in Little Rock, Arkansas, and KETG-DT, Channel 46 in Arkadelphia, Arkansas. However, these two stations have recently been granted authorization to move to Channels 5 and 13, respectively. Therefore, since these DTV stations will not be operating on their originally assigned channels, proposed KLRA-LP on Channel 46 has no interference impact on these full-power facilities. In an abundance of caution, however, the applicant respectfully requests a waiver of Section 74.706 of the Rules with regard to KETS-DT and KETQ-DT based on the aforementioned reasoning.

SMITH AND FISHER

EXHIBIT D-2

PROPOSED KLRA-LP  
CH. 46 - LITTLE ROCK AR

REFERENCE 34 46 20 N LPTV Pwr = 40 kW, HAMS L COR= 273 M DISPLAY DATES  
92 21 27 W DATA 07-22-03  
SEARCH 08-07-03  
..... Channel 46-, 662 MHz .....

Call	Channel	Location	Dist	Azi	FCC	Margin
KWBF-L*CP	47+	Sheridan	AR 34.11	210.5	> 034.45	0.23
KSNF-D*CPM	46	Joplin	MO 323.49	323.0	> 316.37	7.12
KSNF* ALD	46	JOPLIN	MO 323.49	323.0	> 315.90	7.59
AP642* AP	46Z	Gosnell	AR 251.02	59.7	> 232.44	18.58
KWBK-L*CP	45-	Pine Bluff	AR 36.59	150.0	> 045.09	18.88
KSNF-D BD	46	Joplin	MO 323.49	323.0	> 283.82	39.67
KWBK-L LI	45N	Pine Bluff	AR 70.66	150.0	> 027.28	43.38
KAFT ALD	45	FAYETTEVILLE	AR 190.97	307.9	> 125.14	65.83
KAFT-D CP	45	Fayetteville	AR 190.97	307.9	> 123.89	67.08
K46DT LI	46Z	El Dorado	AR 169.45	190.9	> 097.46	71.99

\* Actual radials antenna height and directional patterns used (if any)