

APPLICATION FOR STATION LICENSE
1051FM, LLC
KFME-FM RADIO STATION
CH 286C1 - 105.3 MHZ - 69.0 KW
GARDEN CITY, MISSOURI
June 2001

EXHIBIT #A

This Statement was prepared on behalf of 1051FM, LLC (1051FM), permittee of radio station KFME-FM, Channel 286C1, Garden City, Missouri.¹ 1051FM holds an outstanding construction permit for KFME-FM (BMPH-20010420ABA). This instant application seeks a license to cover this outstanding construction permit.

Construction of the KFME-FM facilities has been completed and the station is operating pursuant to automatic program test authority. Attached as Exhibit #A1 is a calculation of the transmitter output power for KFME-FM. The KFME-FM facilities have been constructed as authorized in the underlying permit.

There were two conditions placed on the permit. The first condition was that, prior to construction of the tower on which the KFME-FM antenna was to be mounted, a partial proof of performance be taken on AM station KCTE, 1510 kHz, Independence, Missouri. Further, that following construction of the tower and installation of all appurtenances a second partial proof of performance be taken to demonstrate that the AM facility had not be adversely affected by the KFME-FM facility.

1) KFME-FM was formerly KGAR.

The tower on which the KFME-FM antenna is mounted was constructed prior to the filing of the KFME-FM application. As such, it was not possible to conduct any before construction measurements. The owner of the tower, American Tower Company, did, however, take before construction measurements. They have also conducted extensive computer modeling of the tower to calculate the impact of the new structure on the nearby KCTE. Further, American Tower will take a second set of measurements to demonstrate there has been no affect on the AM, once all other appurtenances have been installed. At the present time, American Tower is anticipating the other antennas and lines being installed by late July or early August 2001.² Due to the expiration date of the KFME-FM permit, it is not possible to complete the necessary measurements prior to that date. Therefore, 1051FM respectfully requests that this condition be waived in order for KFME-FM to continue on Automatic Program Test. 1051FM will submit the findings of the second set of field strength measurements on AM station KCTE as soon as they are completed by American Tower.

The second condition related to the reduction of power to insure persons having access to the site are not exposed to radio frequency radiation levels in excess to those specified in the Commission s rules. 1051FM herein re-states that the power of KFME-FM will be reduced or operation ceased, as necessary, to insure compliance with the rules.

2) The KFME-FM construction permit expires on July 21, 2001.

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EXHIBIT #A1

KFME-FM Transmission System Calculations

Effective Radiated Power:

Horizontal

69.0 kilowatts

Vertical

69.0 kilowatts

Antennas:

Electronics Research, Inc.

SHPX-10AC-HW

10 bay half wavelength

Horizontal gain

3.126

Transmission Line:

Andrew Corp. MACX350

(290 feet)

3 inch rigid air dielectric

93.2% Efficiency

(1040 feet)

Cablewave HCC-312-50

3 ½ inch flex air dielectric

76.5% Efficiency

Total Transmission line efficiency : 71.3 %

Required Transmitter Power Output

To Reach Effective Radiated Power:

30.958 kilowatts

Facilities Authorized:

Channel 286C1 - 105.3 MHz

Effective Radiated Power:

69.0 kilowatts (H/V)

Geographic Coordinates:

North Latitude 39 05' 26"

West Longitude 94 28' 18"

Antenna Center of Radiation:

Above Ground 341.0 meters

Above MSL 610.0 meters

HAAT 349.0 meters

FCC Tower Registration Number : 1211744