

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-810212AB

Call Sign: K D J S

STANDARD BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, the LICENSEE

KANDI BROADCASTING, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time APRIL 1, 1983

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 1590 kHz.
2. With nominal power of - watts nighttime and 1 kilo watts daytime,
with antenna input power of - watts - directional [- current - amperes
antenna nighttime [- resistance - ohms,
and antenna input power of 1080 watts --- directional [Common Point current 4.65 amperes
antenna daytime [Common Point resistance 50 ohms
3. Hours of operation: Daytime as follows:
Average hours of sunrise and sunset:
Jan. 8:00 am to 5:00 pm; Feb. 7:15 am to 5:45 pm;
Mar. 6:30 am to 6:30 pm; Apr. 5:30 am to 7:00 pm;
May 4:45 am to 7:45 pm; June 4:30 am to 8:15 pm;
July 4:45 am to 8:00 pm; Aug. 5:15 am to 7:30 pm;
Sep. 6:00 am to 6:30 pm; Oct. 6:30 am to 5:45 pm;
Nov. 7:15 am to 4:45 pm; Dec. 7:45 am to 4:45 pm;
Central Standard Time (Non-Advanced)
4. With the station located at: Willmar, Minnesota
5. With the main studio located at: To be determined
Willmar, Minnesota
6. Remote control point: Same as main studio location.
7. Transmitter location: North Latitude: 45° 05' 07"
3 miles SE of West Longitude: 95° 00' 19"
Willmar, Minnesota

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: None required.

9. Transmitter(s): Type Accepted

10. Conditions: ---

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

1/ This license consists of this page and pages 2 & 3.

Dated: June 16, 1981

FEDERAL
COMMUNICATIONS
COMMISSION



1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two guyed, uniform cross section, series-fed, vertical steel towers. Theoretical RMS: 193.8 mV/m, day. Standard RMS: 203.588 mV/m day.

Height above Insulators: 155 ft. (90°)

Overall Height: 158 ft.

Spacing and Orientation: Towers are spaced 103.2(60°) apart on line bearing 90° T.

Ground system consists of 120 copper wire radials about each tower each 155 ft in length, except where wires intercept each other. Along the line of intersection of the two buried system the radials will be bonded to the copper strap common to both systems.

2. THEORETICAL SPECIFICATIONS

	Tower	W(#1)	E(#2)
Phasing:	Day	0°	120°
Field Ratio:	Day	1.0	0.69

3. OPERATING SPECIFICATIONS

Phase Indication *:	Day	0°	120°
Antenna Base			
Current Ratio:	Day	1.00	0.750
Antenna Monitor Sample			
Current Ratio:	Day	1.00	0.740

*As indicated by Potomac Instruments AM-19D(210) antenna monitor.

Field measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every seven days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 90.5° true North. From the transmitter driveway, proceed southerly 0.2 miles to the intersection with the east-west county road (#88). Proceed easterly approximately 3.2 miles to the intersection with Highway #8. Turn north, and proceed approximately 0.17 miles. The monitoring point is on a field approach on the west side of the highway, just north of the two road signs (#8 and #88). The distance to this monitoring point, #1, is 3.125 miles from the transmitter. The field intensity measured at this point should not exceed 19.1 mv/m.

Direction of 120° true North. From the transmitter driveway, proceed southerly 0.2 miles to the intersection with the east-west county road (#88). Proceed easterly approximately 3.2 miles to the intersection with Highway #8. Turn south, and proceed approximately 1.6 miles. The monitoring point is on a field approach on the west side of the highway, just north of the two road signs (#8 and #3). The distance to this monitoring point, #2, is 3.62 miles from the transmitter. The field intensity measured at this point should not exceed 16.2 mv/m.

Direction of 270° true North. From the transmitter driveway, proceed southerly 0.2 miles to the intersection with the east-west county road (#88). Proceed westerly approximately 1.75 miles to the intersection with Highway #71. Turn north and proceed approximately 0.2 miles. The monitoring point is on the east shoulder of Highway #71, and just north of the steel warehouse-type buildings. The two towers of the transmitting station can be seen in line at this point. The distance to this monitoring point, #3, is 1.79 miles from the transmitter. The field intensity measured at this point should not exceed 148 mv/m.