Call Sign: K C F I
KDNZ
9726

STANDARD BROADCAST STATION LICENSE
MODIFICATION

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, 1/ the LICENSEE

RADIO CEDAR FALLS, 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 FEBRUARY 1, 1983

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

1. On a frequency of 1250 kHz.
2. With nominal power of 500 watts nighttime and 500 watts daytime,
   with antenna input power of 540 watts --- directional [Common Point current 3.29 amperes
   antenna nighttime ..... [Common Point resistance 50 ohms,
   and antenna input power of 540 watts --- directional [Common Point current 3.29 amperes
   antenna daytime ..... [Common Point resistance 50 ohms
3. Hours of operation: Unlimited Time.
   Average hours of sunrise and sunset:
   Jan. 7:45 am to 5:00 pm; Feb. 7:00 am to 5:45 pm;
   Mar. 6:30 am to 6:15 pm; Apr. 5:30 am to 6:45 pm;
   May 4:45 am to 7:30 pm; June 4:30 am to 7:45 pm;
   July 4:45 am to 7:45 pm; Aug. 5:15 am to 7:15 pm;
   Sep. 5:45 am to 6:15 pm; Oct. 6:15 am to 5:30 pm;
   Nov. 7:00 am to 4:45 pm; Dec. 7:30 am to 4:30 pm;
   Central Standard Time (Non-Advanced).
4. With the station located at: Cedar Falls, Iowa
5. With the main studio located at: On U.S. Hwy. 20, 1.25 miles west of Cedar Falls, Iowa
6. Remote control point: ---
7. Transmitter location:
   On U.S. Hwy. 20, 1.25 miles west of Cedar Falls, Iowa
   North Latitude: 42o 32' 41"
   West Longitude: 92o 29' 16"
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1 Only.
9. Transmitter(s): FCC 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 & 4.

Dated: April 20, 1981

FEDERAL COMMUNICATIONS COMMISSION

KJ

File No.: BL-800219AA Call Sign: KCFI Date: 4-20-81

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM DA-2

No. and Type of Elements: Three, cross section, guyed, vertical, steel towers. Night Theo RMS 136.1 mV/m; Standard RMS 143.0 mV/m: Day Theo. RMS 137 mV/m

Height above Insulators: 180' (82°)

Overall Height: 183'

Spacing and Orientation: With the C(#1) tower as reference, Tower SE(#2) is spaced 175' (80°) apart at an azimuth of 125° T, Tower NE(#3) is spaced 552' (252.5°) at an azimuth of 25.4°T.

Non-Directional Antenna:

Ground System consists of 120 180' copper radials about the base of each tower. Intersecting radials are shortened and bonded to a 2" copper strap. #3 tower North side radials are shortened to a 50' minimum length where property line causes limitation.

2. THEORETICAL SPECIFICATIONS

		C(#1)	SE(#2)	NE(#3)
Phasing:	Night	0°	174.0°	60.3°
	Day	132°	0°	-
Field Ratio:	Night	1.0	0.4	0.6
	Day	1.0	0.804	-

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	0°	171°	61.9°
	Day	0°	-131°	-
Antenna Base Current Ratio:	Night	1.00	0.422	0.528
	Day	1.00	0.803	-
Antenna Monitor Sample Current Ratio:	Night	1.00	0.435	0.55
	Day	1.00	0.81	-

*As indicated by Potomac Instruments AM-19 (204)

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

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 92.5° true North. From the KCFI transmitter site proceed South 0.1 miles to Highway 20 and turn left (East). Proceed East 2.1 miles and turn left (North). Proceed North 0.5 miles bearing left after crossing bridge proceeding North on East Main Street. The monitor point is located in the middle of 3rd Avenue 100' South of East Main Street. This is location 21 on the 92.5°T Nighttime radial and is 2.5 miles from the KCFI array. The field intensity measured at this point should not exceed 8.6 mv/m Nighttime.

Direction of 199° true North. From the KCFI transmitter site proceed South 0.1 miles to Highway 20 and turn right (West). Proceed West 0.3 miles to Union Road and turn left (South). Proceed South 2.0 miles to 27th Street and turn right (West). Proceed West 0.5 miles to field entrance to the right (North). The monitor point is located 15' North of 27th Street in the field access road. This location is 20A on the 199°T Nighttime radial and is 2.3 miles from the KCFI array. The field intensity measured at this point should not exceed 2.17 mv/m Nighttime.

Direction of 217.5° true North. From the KCFI transmitter site proceed South 0.1 miles to Highway 20 and turn right (West). Proceed West 0.3 miles to Union Road turn left (South). Proceed South 2.0 miles and turn right (West) on 27th Street. Proceed West 1.4 miles on 27th Street to a telephone junction box on the left (South) side of 27th Street. The monitor point is on the South shoulder of 27th Street directly North of the telephone box. This is location 21A on the 217.5° Nighttime radial and is 2.25 miles from the KCFI array. The field intensity measured at this point should not exceed 9.95 mv/m Nighttime.

Direction of 231.5° true North. From the KCFI transmitter site proceed 0.1 miles South to Highway 20 and turn left (West). Proceed West 0.3 miles to Union Road and turn left (South). Proceed South 2.0 miles to 27th Street and turn right (West). Proceed West on 27th Street 2.4 miles to monitor point. Monitor point is located on the South side of 27th Street directly South of a large fir tree to the North. This is location 23 on the 231.5°T Nighttime radial and is 3.5 miles from the KCFI array. The field intensity measured at this point should not exceed 2.4 mv/m Nighttime.

Direction of 305° true North. From the KCFI transmitter site proceed South 0.1 miles to Highway 20 and turn right (West). Proceed West 0.3 miles to Union Road and turn right (North). Proceed North 2.7 miles crossing Beaver Creek and turn left (West) on Beaver Valley Road (County Highway C67). Proceed West 2.4 miles to North Butler Road and turn left (South). Proceed South 0.4 miles to monitor point. Monitor point is located on the East side of Butler Road in line with a permanent fence to the East. This is location 23A on the 305°T Daytime radial and is 3.8 miles from the KCFI array. The field intensity measured at this point should not exceed 13.7 mv/m Daytime.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (CONT'D)

Direction of 330.5° true North. From the KCFI transmitter site proceed South 0.1 miles to Highway 20 and turn right (West). Proceed West 0.3 miles to Union Road and turn right (North). Proceed North 2.7 miles crossing Beaver Creek and turn left (West)on Beaver Valley Road (County Highway C67). Proceed West 0.4 miles to monitor point. The monitor point is located on the North side of Beaver Valley Road in line with a gas pipeline marker. This is location 21A on the 330.5°T Nighttime radial and is 2.6 miles from the KCFI array. The measured field intensity at this location should not exceed 17.2 mv/m Nighttime.

Direction of 358° true North. From the KCFI transmitter site, proceed South 0.1 miles to Route 20 and turn left (East). Proceed East 2.0 miles to Highway 218 and turn left (North). Proceed North 5.25 miles to Cedar Wapsi Road (County Highway C57) and turn left (West). Proceed West 1.8 miles to the entrance to Washington Union Access Park to the South. The monitor point is located in the park entrance 25' South of County Highway C57. This point is location 19 on the 358°T radial and is 4.60 miles from the KCFI array. The field intensity measured at this point should not exceed 2.7 mv/m Daytime.

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
MODIFICATION OF LICENSE

File No. BS-1995A

Call Sign KCFI
Modification No. 1

KDNZ
9726

AM
(Class of station)

Cedar Valley Broadcasting, Inc.
731 Shirley Street
Cedar Falls, IA 50613

Licensee: Cedar Valley Broadcasting, Inc.

Station location: Cedar Falls, Iowa

Associated Broadcast station: KCFI

The Authority Contained in Authorization File No. BL-800219AA
dated April 20, 1981 granted to the Licensee listed above is hereby modified in part as follows:

The location of monitoring point direction 92.5° night pattern changed to reflect following:

From the station, proceed south 0.1 miles on Shirley Street to Highway 57. Turn left, east, and proceed 2.9 miles to Roosevelt Street. Turn left, north 0.2 miles to Airline Highway. Turn right, east 3.4 miles to WCF&N Drive. Turn right, south 0.2 miles to driveway of Rampart Construction. Monitor Point is on east side of road in driveway. The field intensity measured at this point should not exceed 11.5 mV/m.

This modification of license shall be attached to and be made a part of the license of this station.

Except as herein expressly modified, the above-mentioned license, subject to all modifications heretofore granted by the Commission, is to continue in full force and effect in accordance with the terms and conditions thereof and for the period therein specified.

Dated: February 15, 1995

JDS:rao

FEDERAL
COMMUNICATIONS
COMMISSION

FCC Form 359
October 1978

F. C. C. - WASHINGTON, D. C.