

STANDARD BROADCAST STATION LICENSE

Call Sign: K C E Y

Radio # 60426

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

BEHAN BROADCASTING COMPANY

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 DECEMBER 1, 1983

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

1. On a frequency of 1390 kHz.
2. With nominal power of 5 kilo watts nighttime and 5 kilo watts daytime,
with antenna input power of 5400 watts --- directional
antenna nighttime
and antenna input power of 5400 watts --- directional
antenna daytime

Common Point	current 10.3923	amperes
Common Point	resistance 50	ohms,
Common Point	current 10.3923	amperes
Common Point	resistance 50	ohms
3. Hours of operation: Unlimited Time.
Average hours of sunrise and sunset:
Jan. 7:15 am to 5:15 pm; Feb. 7:00 am to 5:45 pm;
Mar. 6:15 am to 6:15 pm; Apr. 5:30 am to 6:45 pm;
May 5:00 am to 7:00 pm; June 4:45 am to 7:30 pm;
July 5:00 am to 7:30 pm; Aug. 5:15 am to 7:00 pm;
Sep. 5:45 am to 6:15 pm; Oct. 6:15 am to 5:30 pm;
Nov. 6:45 am to 5:00 pm; Dec. 7:15 am to 4:45 pm;
Pacific Standard Time (Non-Advanced)
4. With the station located at: Turlock, California
5. With the main studio located at: 4043 Geer Road (outside corporate city limits)
of Turlock California
6. Remote control point: 4043 Geer Road (outside corporate city limits)
of Turlock, California
7. Transmitter location:
West side of Montpelier Road North Latitude: 37 ° 31' 48"
0.6 mi. North of West Longitude: 120 ° 41' 37"
Monte Vista Road, Turlock, California
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 11 & 21.
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's 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: November 23, 1981

KJ

FEDERAL
COMMUNICATIONS
COMMISSION



File NO.: BZ-810714AD

Call Sign: KCEY

Date: 11-23-81

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA-

No. and Type of Elements: Four uniform cross-section, guyed, series-excited, vertical radiators.

Height above Insulators: 176' (90°)

Overall Height: 182'

Spacing and Orientation: Three towers in line bearing 72° true, spaced 185' (95°). Fourth tower on a line bearing 345° true and spaced 440' (225°) from center tower of in-line array.

Non-Directional Antenna: None used

Ground System consists of 120 equally spaced, buried, copper radials 176' in length plus 120 interspaced radials 50' in length about the base of each tower. Intersecting radials shortened and bonded to transverse copper strap midway between adjacent towers.

2. THEORETICAL SPECIFICATIONS

		C(#1)	NE(#2)	SW(#3)	NW(#4)
Phasing:	Night	0°	138°	-138°	-
	Day	25°	-	-	0°
Field Ratio:	Night	1.0	0.55	0.55	-
	Day	0.45	-	-	1.0

3. OPERATING SPECIFICATIONS

Phase Indication*:

Night	0°	136°	-138°	-
Day	25°	-	-	0°

Antenna Base

Current Ratio:

Night	1.000	0.62	0.48	-
Day	0.49	-	-	1.0

Antenna Monitor Sample

Current Ratio:

Night	1.000	0.608	0.47	-
Day	0.490	-	-	1.0

* As indicated by

Potomac Instruments AM-19(204) antenna monitor,

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 thirty days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 7° true North. Starting at the driveway to the KCEY transmitter building on Montpelier Rd., proceed northwesterly on Montpelier Rd. a distance of 1.93 miles to the Keyes Rd., thence east on the Keyes Rd. a distance of 1.18 miles. From the north edge of the Keyes Rd. proceed due north 300 ft. into a grain field, to the monitoring point. Distance from the antenna is 1.58 miles. The field intensity measured at this point should not exceed 32.8 mv/m Night.

Direction of 72° true North. Starting at the driveway to the KCEY transmitter building on Montpelier Rd., proceed northwesterly on Montpelier Rd. a distance of 1.93 miles to the Keyes Rd., thence east on the Keyes Rd. a distance of 4.79 miles to Bledsoe Rd. From this point proceed 0.27 mile South on Bledsoe Rd. From the west edge of Bledsoe Rd. proceed 150 ft. due west into grain field, to the monitoring point. Distance from the antenna is 3.85 miles. The field intensity measured at this point should not exceed 40.7 mv/m Night.

Direction of 118° true North. Starting at the driveway to the KCEY transmitter building on Montpelier Rd., proceed southeasterly on Montpelier Rd. a distance of 3.3 miles to East Ave., then east on East Ave. 1.52 miles to Looney Rd., thence north on Looney Rd. 0.83 miles. From the west edge of Looney Rd. proceed due west 150 ft. into a grain field, to the monitoring point. Distance from the antenna is 3.91 miles. The field intensity measured at this point should not exceed 4.0 mv/m Night.

Direction of 151° true North. Starting at the driveway to the KCEY transmitter building on Montpelier Rd., proceed southeasterly on Montpelier Rd. a distance of 3.3 miles to East Ave., thence west on East Ave. a distance of 0.58 mile. From the north edge of East Ave. proceed due north 50 ft. into a grain field, to the monitoring point. Distance from antenna is 2.95 miles. The field intensity measured at this point should not exceed 5.3 mv/m Night.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (Cont'd)

Direction of 211° true North. Starting at the driveway to the KCEY transmitter building on Montpelier Road, proceed southeasterly on Montpelier Rd. a distance of 3.3 miles to East Ave., thence west on East Ave. a distance of 3.65 miles. From the north edge of East Ave. proceed due north 150 ft. into grain field, to the monitoring point. Distance from antenna is 2.97 miles. The field intensity measured at this point should not exceed 105 mv/m Day.

Direction of 316° true North. Starting at the driveway to the KCEY transmitter building on Montpelier Rd., proceed northwesterly on Montpelier Rd. a distance of 1.93 miles to the Keyes Rd., thence west on Keyes Rd. a distance of 1.38 miles to Hall Rd. Proceed north on Hall Rd. 0.92 mile, thence due west from the west edge of Hall Rd. 150 ft. into grain field, to the monitoring point. Distance from antenna is 3.36 miles. The field intensity measured at this point should not exceed 66 mv/m Day.

Direction of 34° true North. Starting at the driveway to the KCEY transmitter building on Montpelier Rd., proceed northwesterly on Montpelier Rd. a distance of 3.38 miles to Wallis Rd., thence east on Wallis Rd. 1.09 miles to the monitoring point, which is in the center of the surfaced portion of Wallis Rd. Distance from antenna is 2.82 miles. The field intensity measured at this point should not exceed 88 mv/m Day.