FCC Form 352
June 1984

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BZ-851021AC
Fac ID: 7443
Call Sign: KFKA

AM BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license,[1] the LICENSEE

GREELEY BROADCAST ASSOCIATES, LTD.

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, 1990 in accordance with the following:

1. Station location: Greeley, Colorado

2. Main Studio location: (Listed only if not at transmitter site or not within boundaries of principal community) 1025 - 9th Street Greeley, CO

3. Remote control location: 1025 - 9th Street Greeley, CO

4. Transmitter location: Approx. 3 mi. S.S. W. of City Limits, Greeley, CO
North latitude: 40 ° 21 ' 56 "
West longitude: 104 ° 43 ' 56 "

5. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.)

6. Antenna and ground system: See Page 2.

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: 1, 3, 12 & 21.

8. Frequency (kHz.): 1310

9. Nominal power (kW): 5.0 Day
1.0 Night

Antenna input power (kW): 5.0 Day
☒ Non-directional antenna: current 4.82 amperes; resistance 215 ohms.
☐ Directional antenna : current ____ amperes; resistance ____ ohms.

1.08 Night
☐ Non-directional antenna: current ____ amperes; resistance ____ ohms.
☒ Directional antenna : current 4.6 amperes; resistance 51.0 ohms.

10. Hours of operation: Specified in ~~unlimited permit~~ BR-115)
11. Conditions: _ _

The Commission reserves the right during said license period of terminating this license or making effective any change 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, as amended. 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, as amended.

[1] This license consists of this page and pages 2, 3 & 4

Dated: MAY 22 1986

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FEDERAL COMMUNICATIONS COMMISSION

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FCC Form 353-A
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1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Two self-supporting, series excited, vertical radiators.

Height above Insulators: 275' (131.87°)

Overall Height: 280'

Spacing and Orientation: 484.07' (232°). Line of towers bears 105° True.

Non-Directional Antenna: W(#1) and #2 tower isolated by detuning.

Ground System consists of 120-263' equally spaced buried copper radials about each tower. First 50' of each radials to be laid on the ground surface. Radials bonded at points of intersection to copper bonding strap.

2. **THEORETICAL SPECIFICATIONS**

Tower	W(#1)	E(#2)
Phasing:	0°	-13°
Field Ratio:	1.0	0.71

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	0°	-7°
Antenna Base Current Ratio:	1.0	0.7059
Antenna Monitor Sample Current Ratio:	1.0	0.75

*** As indicated by** Potomac Instruments AM-19 antenna Monitor.

ANTENNA SAMPLING SYSTEM APPROVED UNDER SECTION 73.68(b) OF THE RULES.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 73 degree true North. Leave the transmitter and proceed .8 mile north to a crossroad. Proceed east from crossroad 2.25 miles to Highway 85. Proceed southwest on service road .2 mile. Monitor point is just inside driveway of Sanders Petroleum Company south of office, or 175 feet of Highway 85. The field intensity measured at this point should not exceed 18.5 mV/m.

Direction of 105 degree true North. Leave transmitter and proceed .2 mile south to a crossroad. Proceed east and northeast from crossroad 2.3 miles to Highway 85. Proceed southwest on Highway 85 .7 mile to a crossroad. Proceed east from cross 1.0 mile to a road to the south. Proceed south .5 mile to a railroad crossing. Monitor point is in the road south of the railroad and 100' north of the large trees on the eastside of the road. Sign reading "Point #2" on fence on east side of road. The field intensity measured at this point should not exceed 37 mV/m.

Direction of 138 degree true North. Leave the transmitter and proceed 0.2 mile south to a crossroad. Proceed east and northeast from crossroad 2.3 miles to Highway 85. Proceed southwest on Highway 85 1.45 miles to 1st Avenue in LaSalle. Proceed east from this intersection .25 mile to "Y" in the road. Proceed south from the "Y" one block. Porceed west one block to the LaSalle depot. Proceed southwest from depot .2 mile to a bridge. Monitor point is in road 400' south of bridge, marked by a stake with sign reading "Point #3" on east side of road. The field intensity measured at this point should not exceed 24.6 mV/m.

Direction of 241 degree true North. Leave the transmitter and proceed south .2 mile to a crossroad. Proceed west from crossroad .2 mile to a road to the south. Proceed south and west 2.1 miles to a road to the south. Proceed .3 mile south to a sharp bend in the road to the west. Proceed west .55 mile t a sharp bend in the road to the south. Monitor point is .15 mile south of the bend on east shoulder of road, opposite a pole striped and marked with a sign reading "Point #4". The field intensity measured at this point should not exceed 20.2 mV/m.

Direction of 285 degree true North. Leave the transmitter and proceed north .8 mile to a crossroad. Proceed west from crossroad 2.5 miles to a crossroad. Monitor point is in center of road .1 mile south of the crossroad and near pole marked with sign reading "Point #5." The field intensity measured at this point should not exceed 63.9 mV/m.

Direction of 328 degree true North. Leave the transmitter and proceed north .8 mile to a crossroad. Proceed west 1.0 mile to a road to the north. Proceed north 1.0 mile to a junction with U. S. Highway 34 Bypass. Monitor point is on south edge of highway about .1 mile west of junction and directly north of farm elevator. The field intensity measured at this point should not exceed 33.3 mV/m.