

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BZ-890124AH

Call Sign : KCKY

LICENSEE:

GRANDE VOZ, INC.

1. Community of License: Coolidge, AZ
2. Transmitter location: Northwest of Coolidge on
State Hwy 87 Pinal, Arizona

North latitude: 33° 00' 27"
West longitude: 111° 32' 54"

6. Antenna and ground system: Attached

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

4. Main Studio location: (See Section 73.1125)

5. Remote control location: - -

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: None required.

8. Frequency: 1150 kHz

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

Antenna input power (kW):

5.40 Day

☐ Non-directional antenna:

☒ Directional antenna : current 10.2 amperes; resistance 52 ohms.

1.08 Night

☐ Non-directional antenna:

☒ Directional antenna : current 4.65 amperes; resistance 50 ohms.

10. Hours of operation: Specified in BL-840709AD

11. Conditions: - - -

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 is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time October 1, 1990

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.

The license is issued on the licensee's representation that the statements contained in the 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 the 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

Dated: OCT 19 1988

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KN/ajs

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Date:

DA- 2

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two vertical uniform, cross section, series excited, guyed radiators. Theoretical RMS: 690.56 mV/m/Km day; 315.43 mV/m/Km night. Standard RMS: 725.09 mV/m/Km day; Augmented RMS: 331.44 mV/m/Km Night. $Q = 22.361$ Day; 10 Night.

Height above Insulators: 61 m (84.2°)

Overall Height: 61.9 m

Spacing and Orientation: Two towers 240° apart on a line bearing 166° True.

Non-Directional Antenna: N/A

Ground System consists of 120-61 m equally spaced, buried, copper radials about base of each tower. Intersecting radials shortened and bonded to transverse copper strap midway between towers.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	#1(N)	#2(S)
	Night	0°	-70°
	Day	0°	-120
Field Ratio:	Night	1.00	0.80
	Day	1.00	0.40

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	0°	-65
	Day	0°	-120°

Antenna Base

Current Ratio:	Night	1.00	0.870
	Day	1.00	0.464

Antenna Monitor Sample

Current Ratio:	Night	1.00	0.89
	Day	1.00	0.46

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

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

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 61.5° true North. From KCKY site go 0.32 Km (0.2 mi.) south to Highway 87. Thence go east along Highway 87 for 2.33 km (1.45 mi.) Thence go north 1.80 km (1.12 mi.). STOP. Find sideroad going west from the north end of bridge; go west along this side-road for 10 meters. The field intensity measured at this point should not exceed 173 mV/m Daytime.

Direction of 166° true North. From KCKY site go 0.32 km (0.2 mi.) south to Highway 87. Thence go east along Highway 87 for 1.85 km (1.15 mi.) and follow the south-turning continuation of Highways 87/287 onto their joint continuation southward. Thence go 1.1 km (0.68 mi.) south on Hwy 87/287 to intersection with Florence Avenue/Vah Ki Inn Road. Thence go west to Florence Avenue /Vah Ki Inn Road for 1.79 km (1.11 mi.). STOP. See the KCKY towers aligned. Walk toward the towers for 10 meters north of the edge of the road. The field intensity measured at this point should not exceed 223.8 mV/m Daytime and 39.5 mV/m Nighttime.

Direction of 270.5° true North. From KCKY site go 0.32 km (0.2 mi.) south to Highway 87. Thence go west on Highway 87 for 2.5 km (1.55 mi.), being the intersection with Macrae Road. Thence go north on Macrae Road for 0.58 km (0.36 mi.). STOP. Measure at the middle of the road. The field intensity measured at this point should not exceed 120.3 mV/m Daytime.

Direction of 46° true North. Starting at the KCKY studio-Transmitter Building, proceed 0.2 mile south to Highway 87. Turn east on Highway 87 for 1.45 miles, then turn north for an additional 1.3 miles, then turn west for 0.25 mile to the bend, in the gravel road. The monitoring point is on the south side of the road at the bend. This point is located 1.7 miles from the KCKY Array. The field intensity measured at this point should not exceed 27.8 mV/m.Nighttime.

Direction of 286° true North. Starting at the KCKY Studio Transmitter Building, proceed south 0.2 mile to Highway 87. Turn west on Highway 87 for 1.6 miles, turning north at the second road. This is Blackhawk School Road. Proceed north on this road for 0.6 mile. The 286° Monitoring Point is on the east side of the road. This point is 1.61 miles from the KCKY Array. The field intensity measured at this point should not exceed 16.8 mV/m Nighttime.