FCC Form 352
May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

File No. : BL-920922AD

Call Sign : K U K Q

LICENSEE:

G & C BROADCASTING, INC.

1. Community of License .....: Tempe, AZ

2. Transmitter location .....: 1900 W Carman Street
Guadalupe, AZ

North latitude .....: 33° 21' 43"
West longitude .....: 111° 58' 03"

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:

6. Antenna and ground system: Attached

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11, 21 & 22 for tower #2(C) None required for towers #1(N) and #3(S).

8. Frequency .....: 1060 kHz

9. Nominal power (kW) .....: 5.0 Day 0.5 Night

Antenna input power (kW):

5.0 Day ☒ Non-directional antenna: current 10.2 amperes; resistance 48 ohms.
☐ Directional antenna :

0.54 Night ☐ Non-directional antenna:
☒ Directional antenna : current 3.28 amperes; resistance 50 ohms.

10. Hours of operation: Specified in BP-830831AB

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 1,1997.

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 consist of this page and pages 2 & 3

Dated: 22 JAN 1993

FEDERAL COMMUNICATIONS COMMISSION

JNW:yl

FCC Form 353-A
June 1980

1. **Description of Directional Antenna System**
No. and Type of Elements: Three (3) uniform cross section, guyed structural steel radiators, insulated at base and series excited. Theo. RMS: 200 mV/m(km); Std. RMS: 210.3 mV/m(km). An STL antenna is sidemounted on S(#3) tower.

Height above Insulators: #1 & #3 = 54.9 m (69.8°),
#2 = 70.1 m (89.2°)

Overall Height: #1 & #3 = 57.3 m ; #2 = 72.5 m

Spacing and Orientation: Towers spaced 80° apart on a line bearing 170° True.

Non-Directional Antenna: C(#2) Tower, Daytime only.

Ground System Consists of: 120 - 70.7 m equally spaced buried radials about the base of each tower and extending to the property or to intersection with transverse copper strap. In addition 120-15.2 m copper radials are interspersed with the longer radials.

2. **Theoretical Specifications**

Tower		N(#1)	C(#2)	S(#3)
Phasing:	Night	0°	116.8°	236°
Field Ratio:	Night	1.00	1.30	0.42

3. **Operating Specifications**

Phase Indication*:	Night	-119°	0°	118°
Antenna Base Current Ratio:	Night	1.07	1.00	0.536
Antenna Monitor Sample Current Ratio:	Night	1.00	1.00	0.475

* 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 137 degree true North. From KUKQ driveway entrance go east 0.40 km (.25 miles) to 56th Street. Turn right (south) on 56th Street and proceed 2.82 km (1.75 miles) to Warner Road. Turn left (east) and drive 2.33 km (1.45 miles) to corner of Warner Road and Maple Street. Monitor Point #1 is located on the north side of Warner Road opposite Street sign. The field intensity measured at this point should not exceed 3.1 mV/m.

Direction of 170 degree true North. From KUKQ driveway entrance go east 0.4 Km (.25 miles) to 56th Street. Turn right (south) on 56th Street and proceed 3.62 km (2.25 miles) past Warner Road to unnamed street. Turn left (east) and proceed .19 km (.12 miles) to monitor point. Monitor point #2 is located even with the west corner of the iron fence at the mark on edge of the irrigation ditch. The field intensity measured at this point should not exceed 1.61 mV/m.

Direction of 203 degree true North. From KUKQ driveway entrance to east .40 km (.25 miles) to 56th Street. Turn right (south) on 56th Street and proceed 1.21 km (.75 miles) to Elliot Road. Turn right (west) and proceed 1.61 km (1 mile) to 48th Street. Turn left (south) and proceed 1.69 km (1.05 miles) to Hoh Way. Turn left (east) and proceed .03 km (.02 mile) to the corner of Hoh Way and Paiute Street. Monitor Point #3 is located seven feet northwest of the street sign at the mark on curb. The field intensity measured at this point should not exceed 7.9 mV/m.