FCC Form 352
June 1984

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-850228AH

Call Sign: KWOW

PacID 61814

AM BROADCAST STATION LICENSE

JUN 20 1985

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

WICKSTROM, 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 DECEMBER 1, 1990 in accordance with the following:

1. Station location: Pomona, California

2. Main Studio location: (Listed only if not at transmitter site or not within boundaries of principal community)

3. Remote control location: - -

4. Transmitter location: South Mills & Olive Rds, Pomona, CA
   North latitude: 34° 01' 48
   West longitude: 117° 43' 35

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

6. Antenna and ground system: Attached

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: None Required.

8. Frequency (kHz.): 1600

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

   Antenna input power (kW):
   5.0 Day
   ☒ Non-directional antenna: current 2.3 amperes; resistance 945 ohms.
   ☐ Directional antenna : current _____ amperes; resistance _____ ohms.

   5.4 Night
   ☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
   ☒ Directional antenna : current 50 amperes; resistance 10.4 ohms.

10. Hours of operation: Specified in construction permit (BP -780911AK & BMP-841211AF
11. Conditions: - - -

6/11/85 SUPERSEDED TO MAKE CORRECTIONS IN FILE NUMBER, MP DESCRIPTIONS AND ANTENNA MONITOR TYPE.

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.

MAY 14 1985

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

Dated: MAY 14 1985

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FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A
June 1980

File NO.: BL-850228AH Call Sign: KWOW Date:

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM** DA-

No. and Type of Elements: Two vertical, guyed, series-excited radiators.
Theo. RMS = 450 mV/m; STD. RMS = 472.7 mV/m.

	N(#1)	S(#2)
Height above Insulators:	250'(146.3°)	160'(93.7°)
Overall Height:	252'	162'

Spacing and Orientation: Towers are spaced 153.8' (90° on an azimuth of 210° T.

Non-Directional Antenna: Tower #1

Ground System consists of 120 copper wire radials 155 feet long equally spaced around each tower, buried 6" - 8" and bonded to a copper strap between the towers. In addition a 24' x 24' ground screen installed about base of each tower. 70-25' evenly spaced copper radials have been installed base N(#1) tower.

2. **THEORETICAL SPECIFICATIONS**

	Tower	N(#1)	S(#2)
Phasing:	Night	0°	-131°
Field Ratio:	Night	1.0	0.765

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	Night	0°	-125°
Antenna Base Current Ratio:	Night	1.00	5.31
Antenna Monitor Sample Current Ratio:	Night	1.00	1.46

*** As indicated by** Gorman-Redlich CMR(242) antenna monitor.

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 appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 87° true North. From the KWOW parking lot, travel west on Olive Street 0.2 miles to Reservoir Street. Turn left (south) onto Reservoir Street and travel 0.35 miles to the Pomona Freeway (State Route 60). Enter the Pomona Freeway eastbound (towards Riverside) and travel 2.75 miles to the Mountain Avenue exit. Exit at Mountain Avenue and (from the freeway off ramp) turn left (north) onto Mountain Avenue. Travel north on Mountain Avenue 0.25 miles to Philadelphia Street. Turn right (east) onto Philadelphia Street and travel 0.35 miles to Cypress Avenue. Turn right (south) onto Cypress Avenue and travel 0.1 miles to Monticello Street Turn left (east) onto Monticello Street and travel 200 feet to Tiffany Place. Turn left (north) onto Tiffany Place and travel to 2225 Tiffany Place. The monitoring point is at the street curb in the middle of the driveway to the house at this address. This measuring location is 3.75 statute miles from the transmitting site and corresponds with Point #29 on the tabulated data for the 87 degree radial. The field intensity measured at this point should not exceed 13.7 mV/m.

Direction of 210° true North. From the KWOW parking lot, travel west on Olive Street 0.2 miles to Reservoir Street. Turn left (south) onto Reservoir Street and travel 1.05 miles to Riverside Drive. Turn right (west) onto Riverside Drive and travel 0.5 miles to Riverside Terrace. Turn left (south) onto Riverside Terrace and travel 0.4 mile to 3149 Riverside Terrace. The monitoring point is at a location 20 feet north of the mailbox at this address next to a concrete block retaining wall. This measuring location is 1.00 statute miles from the transmitting site and corresponds with point #8 on the tabulated data for the 210 degree radial. The field intensity measured at this point should not exceed 700 mV/m.

Direction of 333° true North. From the KWOW parking lot, travel west on Olive Street 0.2 miles to Reservoir Street. Turn right (north) onto Reservoir Street and travel 0.25 miles to Philadelphia Street. Turn left (west) onto Philadelphia Street and travel 1.0 miles to Garey Avenue. Turn right (north) onto Garey Avenue and travel 2.5 miles to Jefferson Avenue. Turn right (east) onto Jefferson Avenue and travel to 135 Jefferson Avenue. The monitoring point is at the street curb in the middle of the walkway leading to the front door of the house at this address. This measuring location is 3.2 statute miles from the transmitting site and corresponds with Point #28 on the tabulated data for the 333 degree radial. The field intensity measured at this point should not exceed 16.1 mV/m.