FCC Form 352
May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

File No. : BL-891206AF

Call Sign : KUTY

LICENSEE:

Fontana Steel, Inc.

1. Community of License : Palmdale, California

2. Transmitter location : 43001 70th St. East
Los Angeles, County
Lancaster, California

North latitude : 34° 39' 55"
West longitude : 118° 00' 40"

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)
570 E. Ave. Q-9
Los Angeles, County
Palmdale, California

5. Remote control location:
(Same)

6. Antenna and ground system: Attached

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11, 21 and 22.

8. Frequency : 1470 kHz

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

Antenna input power (kW):

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

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

10. Hours of operation: Specified in BP-870130AC and BP-900108AA

11. Conditions : Attached

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 December 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 2 and 3
JS/ed

Dated: APR 17 1990

FEDERAL COMMUNICATIONS COMMISSION

APR 18 1990

FCC Form 353-A
June 1980

File NO. BL-891206AF **Call Sign:** KUTY **Date:**

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Four(4), guyed, series-excited, steel radiators of uniform cross-section. Theoretical RMS: 770.33 mV/m/km, day; 792.03 mV/m/km, night. Standard RMS: 810.1 mV/m/km, day; 832.61 mV/m/km, night. Q factor: 43, day; 38.38, night. #2 (SC) tower has 4 micro-wave dishes sidemounted thereon.

Height above Insulators: 61 m (107.6°).

Overall Height: 62.2 m.

Spacing and Orientation: Towers are spaced 90° apart on a line bearing 71° True.

Non-Directional Antenna: Not Authorized.

Ground System consists of 120 buried copper radials ranging in length from 25.6 m., to 50.9 m., interspersed with 120 radials 15.2 m. long.

2. **THEORETICAL SPECIFICATIONS**

TOWER		#1(SW)	#2(SC)	#3(NC)	#4(NE)
Phasing:	Night	0°	151.94°	-56.64°	94.01°
	Day	0°	-179.89°	-10.82°	128.13°
Field Ratio:	Night	1.0	2.269	1.886	0.578
	Day	1.0	1.047	0.58	0.124

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	Night	-169.7°	0°	131.8°	-65.7°
	Day	160°	0°	150°	-72°
Antenna Base Current **Ratio:**	Night	0.629	1.00	1.078	0.354
	Day	2.03	1.00	1.131	0.248
Antenna Monitor Sample Current Ratio:	Night	0.602	1.00	1.085	0.370
	Day	1.866	1.00	1.08	0.230

*** As indicated by** Gorman-Redlick CMR (242) antenna Monitor.
Antenna sampling system approved under section 73.68(b) rules.

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DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 0 degree True North. From KUTY transmitter proceed east to 70th Street, turn north on 70th street. Proceed north on 70th Street to Ave. J. Continue North on 70th Street 0.5 miles from Avenue J to dirt road. Turn left on dirt road and proceed west 0.38 miles to yellow wood post at side of road. Measurement point is in the middle of dirt road in front of yellow wood post. Distance to monitoring point is 2.2 miles. The field intensity measured at this point should not exceed 11.7 mV/m Nighttime.

Direction of 142 degree True North. From KUTY transmitter proceed east to 70 th Street, turn south on 70th Street. Proceed south on 70th Street to Avenue North. Turn left and proceed east on Avenue North for 1.0 miles to 80th Street. Turn left and proceed north on 80th Street 0.60 miles. There will be a yellow wood stake on each side of the road at this point. Walk 200 feet west into field to yellow wood post. Measurement point is at yellow post. Distance to monitoring point is 2.20 miles. The field intensity measured at this point should not exceed 8.9 mV/m Nighttime.

Direction of 144 degree True North. From KUTY transmitter proceed east to 70 th Street, turn south on 70th Street. Proceed south on 70th Street to Avenue North. Turn left and proceed east on Avenue North for 1.0 miles to 80th Street. Turn left and proceed north on 80th Street 0.40 miles. There will be yellow stakes on each side of the road at this location. Measurement point is in middle of 80th Street between yellow stakes. Distance to monitoring point is 2.40 miles. The field intensity measured at this point should not exceed 103 Daytime.

Direction of 192.5 degree True North. From KUTY transmitter proceed east to 70 th Street, turn south on 70th Street to Avenue North. Turn right and go west on Avenue North 0.90 miles to telephone pole on south side of road with painted yellow band. Walk 50 feet north of road into field. Measurement point is at yellow wood stake in field. Distance to monitoring point is 2.40 miles. The field intensity measured at this point should not exceed 70.5 mV/m Daytime.

Direction of 309.5 degree True North. From KUTY transmitter proceed east to 70th Street, turn north on 70th Street to Avenue K. Turn left on Avenue K and proceed east 1.50 miles to 55th Street. Turn right on 55th Street and proceed north 0.25 miles. At this point there will be a yellow stake on each side of 55th street. Measurement location is in the middle of 55th street between yellow stakes. Distance to monitoring point is 1.50 miles. The field intensity measured at this point should not exceed 110 mV/m Daytime.

Direction of 358 degree True North. From KUTY transmitter proceed east to 70th Street, turn north on 70th Street to Avenue J. Turn left on Avenue J and proceed west 0.42 miles to telephone pole on south side of street with yellow band. Walk south into field. Measurement location is 75 feet SSE of marked telephone pole at yellow stake. Distance to monitoring point is 1.70 miles. The field intensity measured at this point should not exceed 136 mV/m Daytime.