

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-870717AD
FAC ID: 12682
Call Sign: KPEL

AM BROADCAST STATION LICENSE

CC Form 352
June 1984

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

LAFAYETTE BROADCASTING, 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 in accordance with the following:

June 1, 1989

1. Station location: Lafayette, LA
2. Main Studio location: (Listed only if not at transmitter site or not within boundaries of principal community)
3. Remote control location: 1749 Bertrand Drive Lafayette, LA
4. Transmitter location: Shantel and Lebesque Roads Lafayette, LA
North latitude: 30° 16' 38"
West longitude: 92° 03' 51"
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.): 1420
9. Nominal power (kW): 1.0 Day
0.75 Night
- Antenna input power (kW): 1.0 Day
0.808 Night
- Non-directional antenna: current 3.5 amperes; resistance 81.5 ohms.
- Directional antenna: _____ amperes; resistance _____ ohms.
- Non-directional antenna: current _____ amperes; resistance _____ ohms.
- Directional antenna: current 4.02 amperes; resistance 50 ohms.
10. Hours of operation: Specified in construction permit (BP -860818AD & BMP-861007AC
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

Dated: OCT 8 1987

JDS/ajs

FEDERAL COMMUNICATIONS COMMISSION



OCT 9 1987

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DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two(2) vertical, guyed, series excited steel radiators of uniform cross section. Theoretical RMS 282.57 mV/m/Km; Std. RMS 296.89 mV/m/km night. Q - 10.0.

Height above Insulators: 195' (101.3°)

Overall Height: 198'

Spacing and Orientation: Towers are spaced 153.9' (80°) on a line bearing 151° T.

Non-Directional Antenna: NW(#1) tower. Theoretical efficiency 313.82 mV/m/Kw/Km.

Ground System consists of 120 equally spaced, buried copper radials 175 foot in length except where bonded to a transverse copper strap between towers.

2. THEORETICAL SPECIFICATIONS

	Tower	#1(NW)	#2(SE)
Phasing:	Night	0°	-138.5°
Field Ratio:	Night	1.0	0.75

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night		-124°
Antenna Base Current Ratio:	Night	1.00	0.769
Antenna Monitor Sample Current Ratio:	Night	1.00	0.61

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 INTENSITY AT MONITORING POINTS:

Direction of 30 degree true North. From the KPEL transmitter building, proceed out the KPEL driveway to Shantel Road. Turn right and proceed north 0.45 miles to N. Dugas Road. Turn right and proceed east 0.95 miles to Louisiana Highway 182. Turn left and proceed north 0.70 miles to Elaine Drive. Turn left and proceed west 0.14 miles to the loop at the end of Elaine Drive. Turn left and proceed west 0.14 miles to the loop at the end of Elaine Drive. Turn left and proceed south 0.09 miles to the point. The point is located at the southwest corner of the rectangular loop and lies 1.20 miles (1.93 km) from the antenna. The field intensity measured at this point should not exceed 34.5 mV/m.

Direction of 272 degree true North. From the KPEL transmitter building, proceed out the KPEL driveway to Shantel Road. Turn right and proceed North 0.43 miles to N. Dugas Road. Turn left and proceed west 1.5 miles to D. Mount Road. Turn left and proceed south 0.35 miles to the point. The point is located on the east side of the road, 100 feet south of the coulee and lies 1.60 miles (2.58 km) from the antenna. The field intensity measured at this point should not exceed 21.5 mV/m.

Direction of 331 degree true North. From the KPEL transmitter building, proceed out the KPEL driveway to Shantel Road. Turn right and proceed north 0.45 miles to N. Dugas Road. Turn left and proceed west 1.50 miles to D. Mouton Road. Turn right and proceed north 1.50 miles to Benoit Road. Turn right and proceed east 0.40 miles to Androcles Road. Turn left and proceed north 0.25 miles to the point. The point is located in the middle of the unpaved extension of Androcles and lies 2.40 miles (3.86 km) from the antenna. The field intensity measured at this point should not exceed 27.8 mV/m.