

February 1977

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-811224AB
FIC ID: 37244
W D X I
Call Sign:

STANDARD BROADCAST STATION LICENSE

MODIFIED

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made hereunder, and further subject to conditions set forth in this license, the LICENSEE

COMMUNITY SERVICE 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 AUGUST 1, 1982

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 1310 KHz.
2. With nominal power of 1 kilo warts nighttime and 5 kilo warts daytime, with antenna input power of 1080 warts ---directional
Common Point
Common Point
Antenna
Antenna
3. antenna input power of 5000 warts non-directional
Antenna
Antenna
4. antenna daytime Unlimited Time.
5. Hours of operation:
Average hours of sunrise and sunset:
Jan. 7:00 am to 5:00 pm; Feb. 6:45 am to 5:30 pm;
Mar. 6:15 am to 6:00 pm; Apr. 5:30 am to 6:30 pm;
May 4:45 am to 6:45 pm; June 4:45 am to 7:15 pm;
July 4:45 am to 7:15 pm; Aug. 5:15 am to 6:45 pm;
Sep. 5:30 am to 6:00 pm; Oct. 6:00 am to 5:15 pm;
Nov. 6:30 am to 4:45 pm; Dec. 7:00 am to 4:45 pm;
Central Standard Time (Non-Advanced)
4. With the station located at: Jackson, Tennessee
5. With the main studio located at: Jackson, Tennessee

6. Remote control point: ---

7. Transmitter location: North Latitude: 35° 39' 50"
3.2 miles North of Madison County Court- West Longitude: 88° 49' 20"
house, Jackson, Tennessee

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: None required.

9. Transmitted(s): Type Accepted

10. Conditions: ---

The Commission reserves the right during said license period of terminating this license or making effective any changes 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 application are true and that the undertaking 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. 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.

1/ This license consists of this page and pages 2, 3 & 4.

Dated: June 28, 1982
KJ

FEDERAL
COMMUNICATIONS
COMMISSION



File NO.: BL-811224AB

Call Sign: WDXI

Date: 6-28-82

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA- N

No. and Type of Elements: Four uniform cross-section, guyed, series-excited vertical radiators.

Height above Insulators: 202' (97°)

Overall Height: 207'

Spacing and Orientation: Towers in form of rectangle, long sides 434' (208°) on a line bearing 97° True, short sides 187.8' (90°) on a line bearing 70 True

Non-Directional Antenna: Tower No. 2

Ground System consists of 120-295' buried copper radials equally spaced plus a 30' square copper ground screen under each tower. Radials extend to property lines and are bonded to copper strap at intersection.

2. THEORETICAL SPECIFICATIONS

Phasing: SE(1) SW(2) NE(3) NW(4)
0° 0° 103° 103°

Field Ratio: 1.0 1.0 1.0 1.0

3. OPERATING SPECIFICATIONS

Phase Indication*: -3° 0° 99° 98°

Antenna Base
Current Ratio: 1.14 1.0 0.958 0.937

Antenna Monitor Sample
Current Ratio: 1.08 1.00 1.00 0.95

* As indicated by Potomac Instruments AM-19 (204) antenna monitor.
EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY
DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

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 an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 70° true North. From WDXI driveway turn right on Twin Oaks Drive and proceed north 0.25 miles to Ridgecrest Drive. Turn left and proceed west 0.3 miles to N. Highland. Turn right and proceed north 1.9 miles to Hughes. Turn right and proceed east 0.2 miles to Northside. Turn left and proceed north and then east 0.6 miles to point. Point is on the north side of the road and lies 2.22 miles from the antenna. The field intensity measured at this point should not exceed 13.4 mV/m.

Direction of 38° true North. From WDXI driveway turn right on Twin Oaks Drive and proceed north 0.25 miles to Ridgecrest. Turn right and proceed east 0.6 miles to Old Medina Road. Turn left and proceed north 2.1 miles to Henderson. Turn right and proceed east and south 0.4 miles to point. Point is across the road from house number 417 and lies 2.64 miles from the antenna. The field intensity measured at this point should not exceed 5.25 mV/m.

Direction of 100° true North. From WDXI driveway turn right on Twin Oaks Drive and proceed north 0.25 miles to Ridgecrest. Turn right and proceed east 0.6 miles to Old Medina Road. Turn right and proceed south 1.4 miles to the Parkway. Turn left and proceed east 2.2 miles to Lawrence Switch. Turn left and proceed north and then east 0.7 miles to U.S. Route 70. Turn left and proceed northeast 0.25 miles to B. Holland Road. Turn left and proceed north 0.3 miles to Yandell Road. Turn left and proceed west and north 0.45 miles to point. Point is just beyond the creek on the crest of a hill and lies 2.64 miles from the antenna. The field intensity measured at this point should not exceed 9.5 mV/m.

Direction of 127° true North. From WDXI driveway turn right on Twin Oaks Drive and proceed north 0.25 miles to Ridgecrest. Turn right and proceed east 0.6 miles to Old Medina Road. Turn right and proceed south 1.4 miles to the Parkway. Turn left and proceed east 1.6 miles to Conalco Park. Turn right and proceed south 0.1 miles. Turn left and proceed east 0.1 miles to point. Point is on the south side of the road at the curve in the road and lies 2.00 miles from the antenna. The field intensity measured at this point should not exceed 11.7 mV/m.

Direction of 249° true North. From WDXI driveway turn right on Twin Oaks Drive and proceed north 0.25 miles to Ridgecrest. Turn left and proceed west 0.3 miles to North Highland. Turn right and proceed north 0.1 miles to Interstate 40. Enter Interstate 40 westbound and proceed west 1.5 miles to Route 45 bypass. Exit onto Route 45 bypass southbound and proceed south 0.5 miles to Old Hickory Road. Turn right and proceed west 0.55 miles to Fox Lea Drive. Turn left and proceed south 0.1 miles to Howlett Court. Turn right and proceed west to point. Point is in the center of the circle at the end of Howlett Court and lies 2.39 miles from the antenna. The field intensity measured at this point should not exceed 8.36 mV/m.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (CONT'D)

Direction of 307° true North. From WDXI driveway turn right on Twin Oaks Drive and proceed north 0.25 miles to Ridgecrest. Turn left and proceed west 0.3 miles to North Highland. Turn right and proceed north 0.1 miles to Interstate 40. Enter Interstate 40 westbound and proceed west 1.5 miles to Route 45 bypass. Exit onto Route 45 bypass northbound and proceed north 1.8 miles to Oilwell Road. Turn left and proceed west 0.2 miles to Walker Road. Turn left and proceed south 0.2 miles to point. Point is at the dip in the road at the fire hydrant and lies 2.63 miles from the antenna. The field intensity measured at this point should not exceed 9.1 mV/m.