

#29737

Rec'd H.O.
10/15/76

BRC-3832
BR-280

File No.:

Call Sign: W K R C

FCC Form 352
June 1976

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RENEWAL AND MODIFICATION
STANDARD BROADCAST STATION LICENSE
ALTERNATE TRANSMITTERS

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

TAFT BROADCASTING COMPANY

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 **October 1, 1979**

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

- On a frequency of **550** kHz.
- With nominal power of **1 kilo** watts nighttime and **5 kilo** watts daytime,
with antenna input power of **1.08 kilo** watts - directional **Common Point** current **4.65** amperes
antenna nighttime **Common Point** resistance **50** ohms,
and antenna input power of **5.4 kilo** watts - directional **Common Point** current **10.4** amperes
antenna daytime **Common Point** resistance **50** ohms

- Hours of operation: **Unlimited**
Average hours of sunrise and sunset:
Jan. 8:00am to 5:45pm; Feb. 7:30am to 6:15pm;
Mar. 6:45am to 6:45pm; Apr. 6:00am to 7:15pm;
May 5:30am to 7:45pm; June 5:15am to 8:00pm;
July 5:30am to 8:00pm; Aug. 5:45am to 7:30pm;
Sep. 6:15am to 6:45pm; Oct. 6:45am to 6:00pm;
Nov. 7:15am to 5:30pm; Dec. 7:45am to 5:15pm;
Eastern Standard Time (non-advanced)

- With the station located at: **Cincinnati, Ohio**
- With the main studio located at: **1906 Highland Ave., Cincinnati, Ohio**
- Remote control point: **1906 Highland Ave., Cincinnati, Ohio**

- Transmitter location: North Latitude: **39° 00' 29"**
SW of Alexandria Pike at intersection of Pooles Creek Rd. No.2 & Murnan Rd., West Longitude: **84° 26' 39"**
1 mile SW of Cold Springs, Kentucky

- Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 12 & 21.**

- Transmitter(s): **Two GATES MW-5**

- Conditions:
The provisions of Section 73.37(a) of the Rules ARE WAIVED to the extent necessary to permit operation from the transmitter site and with the facilities described in this authorization.

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'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. 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: **September 15, 1976**
dt

FEDERAL
COMMUNICATIONS
COMMISSION



ERC-3832

File No.: ER-280

Call Sign: W K R C

Date: 9-15-76

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA-2,U

No. and Type of Elements: Five triangular uniform cross-section, guyed series-excited towers.

Height above Insulators: 350' (70.5°)

Overall Height: 355'

Spacing and Orientation: Nighttime: Four towers spaced 497' (100°) from each other on a bearing of 354.5° T. Daytime: Two towers spaced 1292' (260°) on a line bearing 283° T. The NC(#2) tower is common to the nighttime and the daytime array.

Non-Directional Antenna:

Ground System consists of 120-447' buried copper radials plus a 24' x 24' copper ground screen about the base of each tower. Radials are shortened or lengthened to join common bonding strap between the towers.

2. THEORETICAL SPECIFICATIONS

	Tower	N (#1)	NC (#2)	SC (#3)	S (#4)	W (#5)
Phasing:	Night	235.0°	56.52°	221.09°	0.0°	-
	Day	-	0.0°	-	-	307.0°
	Field Ratio:	Night	0.598	1.360	1.200	1.000
	Day	-	1.00	-	-	1.718

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	-120.6°	54.3°	-141.3°	0°	-
	Day	-	0°	-	-	-59.3

Antenna Base Current Ratio:	Night	0.568	1.30	1.25	1.00	-
	Day	-	1.00	-	-	0.709

Antenna Monitor Sample Current Ratio:	Night	0.571	1.319	1.255	1.00	-
	Day	-	1.00	-	-	0.705

*As indicated by Delta Electronics DAM-1(3-218) antenna monitor.

Section 73.114(a)(8) of the Rules and any requirement for weekly monitoring point readings are WAIVED during proper operation of approved sampling system; provided, monitoring point readings are made at least once every thirty days.

TELEGRAPHIC MESSAGE

29737

357

NAME OF AGENCY FEDERAL COMMUNICATIONS COMMISSION		PRECEDENCE ACTION: RL INFO:	SECURITY CLASSIFICATION
ACCOUNTING CLASSIFICATION COLLECT	DATE PREPARED 2/12/81		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE-ADDRESS
FOR INFORMATION CALL			
NAME AM BRANCH	PHONE NUMBER 432-7010		

THIS SPACE FOR USE OF COMMUNICATION UNIT

MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)

TO:

**TAFT BROADCASTING CO.
RADIO STATION W X R C (PHONE & MAIL)
CINCINNATI, OHIO**

**REFERENCE 8910-HS. RELET ATTY 11/7/80. AUTHORITY GRANTED RE-
LOCATE 57 DEGREE NIGHTTIME MONITOR POINT TO LOCATION DESCRIBED
IN REPORT RECEIVED 11/7/80. FIELD STRENGTH AT THIS NEW POINT
LIMITED NOT TO EXCEED 19.3 mV/m. POST THIS TELEGRAM TO SO
OPERATE PENDING RECEIPT OF REVISED LICENSE WITH NEXT RENEWAL.**

THOMAS JOHNSON ACTING CHIEF, AM BRANCH

HENRY STRAUBE ENGINEER

REGADCRETRSHREAV

COHEN & DIPPPELL

KOTEEN & BURT

HSTRAUBE:ndm:bf/B

**FORBES BOX ACTION REQUIRED. PLEASE CHANGE MP DESCRIPTION AS
STATED ABOVE AND 11/7/80 REPORT**

ORIGINAL ATTACHED.

**MAIL BRANCH
FEB 12 1981
SENT VIA
WESTERN UNION**

SECURITY CLASSIFICATION	
PAGE NO.	NO. OF PGS.

29737

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No. BS-1994A

Call Sign WLWA

MODIFICATION OF LICENSE

Modification No.

AM

(Class of station)

J
Jacor Broadcasting Corporation
c/o Station WLWA
1300 Central Trust Center
201 East Fifth Street
Cincinnati, Ohio 45202
L

Licensee: Jacor Broadcasting Corporation

Station location: Cincinnati, Ohio

Associated Broadcast station: WLWA

The Authority Contained in Authorization File No. BAL-930212EC dated April 8, 1993 granted to the Licensee listed above is hereby modified in part as follows:

The monitoring point location Nighttime operations direction 120° has been changed to reflect the following:

From the transmitter access road, turn left (north) onto Murnan Road. Proceed 0.85 miles (1.37 kilometers) to Alexandria Pike (U.S. 27). Turn right (south) onto U.S. 27 and proceed 1.2 miles (1.93 kilometers) to the eastbound ramp for Kentucky Route 546 (AA Highway). Take the ramp onto 546 east and proceed 4.25 miles (6.84 kilometers) to the exit for Kentucky Route 547. Take the exit and turn left (south) onto 547. Proceed 0.1 mile (0.16 kilometers) west (up grade) to the Alexandria city limit sign. The point is on the right-of-way berm between the city limit sign and the concrete *KY 547* right-of-way benchmark.

The field intensity measured at this point should not exceed 34.8 mV/m Nighttime.

This modification of license shall be attached to and be made a part of the license of this station.

Except as herein expressly modified, the above-mentioned license, subject to all modifications heretofore granted by the Commission, is to continue in full force and effect in accordance with the terms and conditions thereof and for the period therein specified.

Dated:

FEB 24 1994

FEDERAL
COMMUNICATIONS
COMMISSION



JDS:rao

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 162° true North. From transmitter access road, turn right on Murnan Road and proceed south 1.10 miles to Licking Pike (Route 9). Turn left and continue south 3.1 Miles to Rifle Range Road. The monitoring point is located on the west side of Rifle Range Road approximately 150 feet from the intersection. The field intensity measured at this point should not exceed 44 mV/m, DAYTIME.

Direction of 283° true North. From transmitter access road, turn right on Murnan Road and proceed south 1.10 miles to Licking Pike (Route 9). Turn right and proceed on Route 9 approximately 8.1 miles to Brighton Street. Turn left and continue one block to the intersection of 11th Street. Turn left onto 11th Street and proceed across toll bridge to East 11th Street. Turn left and continue on East 11th Street to Scott Boulevard (Routes 16 and 17) and follow Route 16 south approximately 5.6 miles to Crawford Street. Turn left and proceed to the end of Crawford Street. The monitoring point is located in the center of the gravel lane to the right approximately 100 feet from Crawford Street. The field intensity measured at this point should not exceed 98 mV/m, DAYTIME.

Direction of 310° true North. From transmitter access road, turn right on Murnan Road and proceed south 1.10 miles to Licking Pike (Route 9). Turn right and proceed on Route 9 approximately 8.1 miles to Brighton Street. Turn left and continue one block to the intersection of 11th Street. Turn left onto 11th Street and proceed across toll bridge to East 11th Street. Turn left and continue on East 11th Street to Scott Boulevard (Routes 16 and 17) and follow Route 16 south approximately 2.6 miles to Decoursey Pike (Route 177). Turn left on Decoursey Pike and proceed 0.6 miles to 43rd Street. Turn left and proceed to Huntington Avenue. Turn right and proceed approximately 0.1 miles to 45th Street. Turn left and proceed across the railroad tracks to Vermont Street. Turn right and proceed one block to Baltimore Street. Turn right again and take an immediate left onto Glen Avenue. Proceed on Glen Avenue to 45th Street. Continue on 45th Street to the intersection of 45th and Virginia Avenue. The monitoring point is located at the edge of the fairway in golf course opposite the intersection. The field intensity measured at this point should not exceed 32 mV/m, DAYTIME.

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS: (Continued)

Direction of 57° true North. From transmitter access road, turn left on Murnan Road and proceed north 0.85 miles to Alexandria Pike (Route 27). Turn north and continue 0.80 miles to Duck Creek Road. Turn right onto Duck Creek Road (Route 1998) and proceed east 2.20 miles to Mary Inglis Highway (Route 8). Turn right and continue east 1.75 miles to Alexandria Four Mile Road (Route 547). Turn right and proceed south 0.20 miles to 3rd Street. Turn right onto 3rd Street and proceed 0.10 mile to school field. The monitoring point is located in this field approximately 150 feet from the road and 50' from the school. The field intensity measured at this point should not exceed 19 mV/m, NIGHTTIME.

Direction of 120° true North. From transmitter access road, turn left (north) onto Murnan Road. Proceed 0.85 miles (1.37 kilometers) to Alexandria Pike (U.S. 27). Turn right (south) onto U.S. 27 and proceed 1.2 miles (1.93 kilometers) to the eastbound ramp for Kentucky Route 546 (AA Highway). Take the ramp onto 546 east and proceed 4.25 miles (6.84 kilometers) to the exit for Kentucky route 547. Take the exit and turn left (south) onto 547. Proceed 0.1 mile (0.16 kilometers) west (up grade) to the Alexandria city limit sign. The point is on the right-of-way berm between the city limit sign and the concrete *KY 547* right-of-way benchmark. The field intensity measured at this point should not exceed 34.8 mV/m, NIGHTTIME.

Direction of 174.5° true North. From transmitter access road, turn onto Murnan Road and proceed south 1.10 miles to Licking Pike (Route 9). Turn left and continue south 3.1 Miles to Rifle Range Road. Turn right and continue approximately 0.60 mile to a wire gate opening in the fence line. The monitoring point is located at this field access lane on the side of Rifle Range Road. The field intensity measured at this point should not exceed 35 mV/m, NIGHTTIME.

Direction of 191° true North. From transmitter access road, turn right on Murnan Road and proceed south 1.10 miles to Licking Pike (Route 9). Turn right and proceed on Route 9 approximately 8.1 miles to Brighton Street. Turn left and continue one block to the intersection of 11th Street. Turn left onto 11th Street and proceed across toll bridge to East 11th Street. Turn left and continue on East 11th Street to Scott Boulevard (Routes 16 and 17) and follow Route 16 south approximately 7 miles to Wolf Hill Road. Turn left and proceed southeast 0.85 miles to Decoursey Pike (Route 177). Turn right and proceed 2.90 miles to Whites Road. Turn left and proceed on Lambs Ferry Road 0.40 miles. The monitoring point is on the right side of the road just north of Farm Lane. The field intensity measured at this point should not exceed 13 mV/m, NIGHTTIME.

Direction of 277° true North. From transmitter access road, turn right on Murnan Road and proceed south 1.10 miles to Licking Pike (Route 9). Turn right and proceed on Route 9 approximately 8.1 miles to Brighton Street. Turn left and continue one block to the intersection of 11th Street. Turn left onto 11th Street and proceed across toll bridge to East 11th Street. Turn left and continue on East 11th Street to Scott Boulevard (Routes 16 and 17) and follow Route 16 south approximately 5 miles to Old Taylor Mill Road. Turn right and proceed 0.50 miles to 2nd Lane on the right side of Old Taylor Mill Road. The monitoring point is in the center of this lane approximately 200 feet from the road. The field intensity measured at this point should not exceed 23 mV/m, NIGHTTIME.