FCC Form 352
June 1984

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-860219AE

Call Sign: ~~WHEZ~~ WNWN
C7767

AM BROADCAST STATION LICENSE

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

TRI-STATE BROADCASTING COMPANY, 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 OCTOBER 1, 1989 in accordance with the following:

1. Station location: Portage, MI

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: 9112 S. Westnedge Avenue, Portage, MI
   North latitude: 42° 10' 59"
   West longitude: 85° 35' 30"

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.): 1560

9. Nominal power (kW): 4.1 Day
   _____ Night

   Antenna input power (kW): 4.43 Day
   ☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
   ☒ Directional antenna : current 9.41 amperes; resistance 50 ohms.

   _____ Night
   ☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
   ☐ Directional antenna : current _____ amperes; resistance _____ ohms.

10. Hours of operation: Specified in construction permit (BP -850718AD
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 2 & 3

Dated: APR 17 1986 ajs

FEDERAL COMMUNICATIONS COMMISSION

APR 18 1986

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1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two(2), uniform cross section, guyed, series excited towers. Theoretical RMS: 637.03 mV/m at 1 km, day; Standard RMS: 669.22 mV/m at 1 km, day.

Height above Insulators: 150 ft. (85.6°)

Overall Height: 153 ft

Spacing and Orientation: The towers are spaced 90° (157.7 ft) apart on a line bearing of 145° TN.

Non-Directional Antenna: N/A

Ground System consists of Consists of 120 buried copper radials, 157.7 feet or 48.1 meters, about the base of each tower excepting where shortened to terminate at the four inch copper transverse strap running midway between towers. In addition, a four inch copper strap will run from tower base to tower base and then to the common ground buss of the station. 120-60' copper radials are interspersed between long radials.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	NW(#1)	SE(#2)
	Day	0°	122°
Field Ratio:	Day	1.0	0.7

3. OPERATING SPECIFICATIONS

Phase Indication*:			
	Day	-119°	0°
Antenna Base Current Ratio:	Day	0.649	1.00
Antenna Monitor Sample Current Ratio:	Day	0.65	1.00

*** As indicated by** Delta Electronics AAM-1(3-235) antenna monitor.

Antenna sampling system approved under Section 73.68(b) rules.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 95 degree true North. From drive go South on Westnedge Av. for 0.78 mile to Bacon Av. and turn East to Portage Rd. Proceed North on Portage Rd. for approximately 0.7 mile to parking area on East side of Portage Rd. Point # 14 is at 16th short pole east of parking area in front of tree to South with split trunk. This point is 1.42 miles from the site. The field intensity measured at this point should not exceed 54 mV/m.

Direction of 145 degree true North. From drive go south on Westnedge Av. for 0.78 mile to Bacon Av. and turn East to Portage Rd. Proceed south on Portage Rd. for approximately 2 miles to U Av. and turn East. Proceed East for 0.8 mile to MP # 15 in front of 7th large tree West of intersection sign. Distance from site is 3.35 miles. The field intensity measured at this point should not exceed 23.3 mV/m.

Direction of 195 degree true North. From drive go South on Westnedge Av. for 0.78 mile to Bacon Av. and turn East to Portage Rd. Proceed South on Portage Rd. for approximately 2 miles to U Av. and turn West. Proceed West for approximately 2 mile to MP # 14 at 1335 U Av. in front of large tree in yard. This point is 2.84 miles from the site. The field intensity measured at this point should not exceed 13.2 mV/m.