

AM BROADCAST STATION LICENSE

Call Sign : WTRE

LICENSEE: WTRE, Inc,

1. Community of License . . . : Greensburg, IN
2. Transmitter location : 1011 Park Road
Greensburg, IN

North Latitude : 39° 19' 41"
West Longitude : 85° 30' 06"

6. Antenna and ground system:
Attached

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)
1011 Park Road
Greensburg, IN
5. Remote control location
Same

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: None required

8. Frequency : 1330 kHz

9. Nominal power (kW) : 0.5 Day 0.033 Night

Antenna input power (kW) :

0.540 Day Non-directional antenna: current 3.29 amperes: resistance 50 ohms.
 Directional antenna

0.036 Night Non-directional antenna: current 0.844 amperes: resistance 50 ohms.
 Directional antenna

10. Hours of operation : BR-4737

11. Conditions :

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
August 1, 1996

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.
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 control by the Government of the United States conferred by section 605 of the Communications Act of 1934, as amended.

JAV:rao

FEDERAL
COMMUNICATIONS
COMMISSION



¹ This license consists of this page and pages 2 & 3

Dated: APR 14 1994

File No.: BZ-940202AA

Call Sign: WTRE

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Two (2) vertical, guyed, series excited steel radiators of uniform cross-section. Daytime Theoretical RMS: 199.56 mV/m at one km; Augmented RMS: 209.96 mV/m at one km. Nighttime Theoretical RMS: 51.27 mV/m at one km; Augmented RMS: 53.94 mV/m at one km. Q = 10 daytime and 2.57 nighttime.

Height above Insulators: 45.73m (73°)

Overall Height: 46.64m

Spacing and Orientation: Spaced 112.80m (180°) on a line bearing 55° true.

Non-Directional Antenna: None used

Ground System consists of 120 equally spaced, buried, copper radials 45.73m in length about the base of each tower. Individual tower ground radials extended and bonded to transverse copper strap midway between towers.

2. **THEORETICAL SPECIFICATIONS**

Towers:	SW(#1)	NE(#2)
----------------	--------	--------

Phasing:

Night & Day:	0°	50°
--------------	----	-----

Field Ratio:

Night & Day:	1.0	0.65
--------------	-----	------

3. **OPERATING SPECIFICATIONS**

Phase Indication*:

Night & Day:	96°	96°
--------------	-----	-----

Antenna Base

Current Ratio:

Night & Day:	1.0	0.638
--------------	-----	-------

Antenna Monitor Sample

Current Ratio:

Night & Day:	1.0	1.000
--------------	-----	-------

* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor.
Antenna sampling system approved under Section 73.68 (b) of the Rules.

File No.: BZ-940202AA

Call Sign: WTRE

DIRECTION OF AND FIELD INTENSITY MONITORING POINTS:

Direction of 55° True North. From courthouse take SR 46 east 0.9 mile. Turn left onto base road and proceed 0.1 mile. Turn left onto NE 80 and proceed 1.7 miles and turn left onto CR 200E. Go 0.2 mile and turn left on CR 150N. Go 0.4 mile to intersection of CR 150N and CR 120E. Monitoring point No. 1 will be 120 feet north of this intersection on the east side of the road, 50 feet east of the corner fence post. Distance from transmitter : 3.22 miles. The field intensity measured at this point should not exceed 20.38 mV/m.

Direction of 95° True North. From the courthouse proceed southeast on US 421 for a distance of 1.7 miles to the intersection of CR 100 at sand creek cemetery. Go east for a distance of 0.4 mile. Monitor point No. 2 is on the north side of the road, 72 feet west of the driveway of the Leon Nobbe residence. Distance from transmitter: 2.5 miles. The field intensity measured at this point should not exceed 17.60 mV/m.

Direction of 235° True North. From the courthouse proceed west on SR 46 for a distance of 4.75 miles to the intersection of CR 420. Go south for a distance of 1.1 miles. Monitor point No. 3 will be on the east side of the road at this point, 100 yards south of the Whipple residence. Take reading near telephone company's underground cable box on west side of road. Distance from transmitter: 3.79 miles. The field intensity measured at this point should not exceed 15.59 mV/m.