

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

LICENSEE: Walt-West Wisconsin, Inc.

1. Community of License . . . : Waukesha, WI
2. Transmitter location : 1801 Coral Drive
Waukesha, WI
North Latitude : 43° 01' 00"
West Longitude : 88° 11' 42"

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)
1801 Coral Drive
Waukesha, WI
5. Remote control location

6. Antenna and ground system:
Attached

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

8. Frequency 1510 kHz

9. Nominal power (kW) : 10 Day Night

Antenna input power (kW) :

10.5

Day

Non-directional antenna : current
 Directional antenna :

14.1

amperes: resistance

53.0

ohms.

Night

Non-directional antenna : current
 Directional antenna :

amperes: resistance

ohms.

10. Hours of operation : As in BZ-9853

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

December 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 606 of the Communications Act of 1934, as amended.

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FEDERAL
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COMMISSION



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

Dated:

MAY 11 1995

File No.: BZ-941213AA

Call Sign: WAUK

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Two (2) uniform cross-section, guyed, series-excited vertical radiators. Theoretical RMS: 957.56 mV/m at 1 km, day; Augmented RMS: 1009.753 mV/m at 1 km, day. Q = 31.62, day.

Height above Insulators: 45.7 m (83°)

Overall Height: 46.6 m

Spacing and Orientation: Spaced 49.69 m (90°) between elements on a line bearing 3° true.

Non-Directional Antenna: None used.

Ground System consists of 120 equally spaced, buried, copper radials 49.69 m in length plus 120 interspaced radials 15.2 m in length about the base of each tower. Intersecting radials bonded to transverse copper straps midway between adjacent elements.

2. **THEORETICAL SPECIFICATIONS**

Towers:	#1(S)	#2(N)
Phasing:	0°	
Field Ratio:	1.0	1.0

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	0°	
Antenna Base		
Current Ratio:	1.00	1.061
Antenna Monitor Sample		
Current Ratio:	1.00	

* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 50° True North. Leaving the transmitter, proceed south on Whitehall Street 0.3 miles to Highway 59. Turn east on Highway 59 0.5 miles to Springdale Road. Turn left (north) and proceed 0.7 miles to Davidson Street. Turn right (east) and proceed 0.45 miles to Kossow Street. Turn left (north) and proceed 0.3 miles to measuring location. Measuring location is on east side of road by mail box in front of 330 Kossow Street. This location is 1.20 miles from WAUK. The field intensity measured at this point should not exceed 480 mV/m.

Direction of 183° True North. Leaving the transmitter, proceed south on Whitehall Street 0.2 miles to Highway 59. Turn west and go 0.2 miles to Highway A. Turn left (south) on Highway A, and proceed 1.3 miles to intersection with Highway Y. Turn left on Highway Y and proceed 0.15 miles to Highway U. Turn right on Highway U and proceed 0.4 miles to Indianwood Lane. Turn left on Indianwood Lane and proceed 0.15 miles to the intersection with Blackhawk Trail. Measuring location is the streets intersection. This location is 1.93 miles from WAUK. The field intensity measured at this point should not exceed 40 mV/m.