

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-830720AJ

MODIFICATION  
STANDARD BROADCAST STATION LICENSE

Call Sign: K D O M

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, <sup>1/</sup>the LICENSEE

WINDOM RADIO INCORPORATED

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 APRIL 1, 1990

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

- On a frequency of 1580 kHz.
- With nominal power of 1 watt nighttime and 1 kilo watt daytime,  
with antenna input power of            watts - directional  current            amperes  
antenna nighttime             resistance            ohms,  
and antenna input power of 1080 watts - directional  Common Point current 4.65 amperes  
antenna daytime             Common Point resistance 50 ohms

- Hours of operation: Daytime as follows:  
Average hours of sunrise and sunset:  
Jan. 8:00am to 5:15pm; Feb. 7:15am to 5:45pm  
Mar. 6:30am to 6:30pm; Apr. 5:45am to 7:00pm  
May 5:00am to 7:45pm; June 4:30am to 8:00pm  
July 4:45am to 8:00pm; Aug. 5:30am to 7:30pm  
Sep. 6:00am to 6:30pm; Oct. 6:30am to 5:45pm  
Nov. 7:15am to 5:00pm; Dec. 7:45am to 4:45pm

*Yellow Highlights are  
one hour later than  
those stated*

- With the station located at: WINDOM, MINNESOTA
- With the main studio located at: Hwy. 71/60 N.  
Windom, Minnesota
- Remote control point: Hwy. 71/60 N.  
Windom, Minnesota
- Transmitter location: Wolf Lake Road  
Windom, Minnesota

North Latitude:	43 °	51'	41"
West Longitude:	95 °	05'	50"

- Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: none required
- Transmitter(s): Type Accepted
- 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'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.

<sup>1/</sup>This license consists of this page and pages 2 & 3

Dated: October 14, 1983  
WAP

FEDERAL  
COMMUNICATIONS  
COMMISSION



NOV 1983  
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File NO.: BL-830720AJ

Call Sign: KDOM

Date: 8-9-83

DA- D

**1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

**No. and Type of Elements:** Two uniform cross-section, guyed series excited steel towers. Theo. RMS: 192.55 mV/m Std RMS: 202.29 mV/m

**Height above Insulators:** 130' (75.180°)

**Overall Height:** 132'

**Spacing and Orientation:** Spaced 138.4' (80°) on a line bearing 350°T.

**Non-Directional Antenna:** None used.

**Ground System consists of** 120-140' buried copper radials about base of each tower. Radials are shortened and bonded to transverse copper strap midway between elements.

**2. THEORETICAL SPECIFICATIONS**

	SE(#1)	NW(#2)
<b>Phasing:</b>	0°	-134.1°
<b>Field Ratio:</b>	1.00	0.83

**3. OPERATING SPECIFICATIONS**

<b>Phase Indication*:</b>	0°	-130°
<b>Antenna Base Current Ratio:</b>	1.00	0.725
<b>Antenna Monitor Sample Current Ratio:</b>	1.00	0.720

\* As indicated by Potomac Instruments AM-19(204)

EXEMPTIONS AS LISTED IN SECTION 73.68(b) WILL APPLY DURING  
PROPER OPERATION OF APPROVED SAMPLING SYSTEM

Field measuring equipment shall be available at all times, and after commencement of operation, the field strength at each of the monitoring points shall be measured at least once every thirty days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 119° True North. From the KDOM transmitter site, turn right on Cottonwood County Road 17. Proceed east a distance of 1.6 miles, turn right on gravel road and proceed for .8 miles. The reading is taken in the center of the road opposite the monitor point marker. This point is 1.4 miles from the array. The field intensity measured at this point should not exceed 20.8 mV/m.

Direction of 170° True North. From MP #1 proceed south .3 miles to a "T" intersection. Turn right and proceed west 1.5 miles to "T" intersection with Cottonwood County Road 26. Turn left for 100 feet to intersection with US Highway 71. Turn left on 71 and proceed .6 miles. Reading is taken on the north shoulder of the highway opposite the monitor point marker. This point is 1.3 miles from the array. The field intensity measured at this point should not exceed 84.5 mV/m.

Direction of 221° True North. From MP #2 proceed NW on US 71 for 1.0 miles. Reading is taken on the north shoulder of the highway opposite the monitor point marker. This point is 1.05 miles from the array. The field intensity measured at this point should not exceed 30 mV/m.