



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

MCGRATH PUBLISHING COMPANY
 221 SOUTH MILL
 BELOIT KS 67420

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 60773

Call Sign: KVSV

License File Number: BL-19970722AA

Grant Date: October 14, 1997

This license expires 3:00 a.m.
 local time, June 01, 2005.

This license covers Permit No.: 960823AB

This authorization supersedes authorization of same date to correct the daytime nominal power and to add the nighttime Monitoring points. 10/30/97 HKC

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

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 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. 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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
 Local Standard Time (Non-Advanced)

| | | | | | |
|------|---------|---------|------|---------|---------|
| Jan. | 7:45 AM | 5:30 PM | Jul. | 5:15 AM | 8:00 PM |
| Feb. | 7:30 AM | 6:15 PM | Aug. | 5:45 AM | 7:30 PM |
| Mar. | 6:45 AM | 6:45 PM | Sep. | 6:15 AM | 6:45 PM |
| Apr. | 6:00 AM | 7:15 PM | Oct. | 6:45 AM | 6:00 PM |

Callsign: KSVV

License No.: BL-19970722AA

| | | | | | |
|------|---------|---------|------|---------|---------|
| May | 5:15 AM | 7:45 PM | Nov. | 7:15 AM | 5:15 PM |
| Jun. | 5:00 AM | 8:00 PM | Dec. | 7:45 AM | 5:15 PM |

Name of Licensee: MCGRATH PUBLISHING COMPANY

Station Location: BELOIT, KS

Frequency (kHz): 1190

Station Class: D

Antenna Coordinates:

Night

Latitude: N 39 Deg 26 Min 53 Sec

Longitude: W 98 Deg 04 Min 45 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Night: 0.090

Antenna Input Power (kW): Night: 0.097

Antenna Mode: Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Night: 1.39

Resistance (ohms): Night: 50

Antenna Registration Number(s):

Night:

| Tower No. | ASRN | |
|-----------|------|-------|
| 1 | None | 56.4 |
| 2 | None | 130.4 |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 98.98

Standard RMS (mV/m/km): Night: 104.46

Augmented RMS (mV/m/km):

Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1 | 1.0000 | 0.000 | 0.0000 | 0.000 | 0 | 78.4 |
| 2 | 0.8580 | 101.000 | 80.0000 | 110.000 | 0 | 182.8 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Night Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1 | 0 | |
| 2 | 97.5 | |

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

| Radial (Deg. T) | Distance From Transmitter (kM) | Maximum Field Strength (mV/m) |
|-----------------|--------------------------------|-------------------------------|
| 101 | 1.71 | |
| 119 | 1.61 | |

*** END OF AUTHORIZATION ***