



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

FAMILY STATIONS, INC.
112 NORTH ELM STREET
SHENANDOAH IA 51601

James D. Bradshaw
Associate Chief
Audio Division
Media Bureau

Facility Id: 20674

Call Sign: WCUE

License File Number: BL-19900720AC

Grant Date:

This license expires 3:00 a.m.
local time, October 01, 2004.

This License Covers Permit No.: BP-19890809AC

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 | 5:15 PM | Jul. | 5:00 AM | 8:00 PM |
| Feb. | 7:15 AM | 6:00 PM | Aug. | 5:30 AM | 7:30 PM |
| Mar. | 6:45 AM | 6:30 PM | Sep. | 6:00 AM | 6:30 PM |
| Apr. | 5:45 AM | 7:00 PM | Oct. | 6:30 AM | 5:45 PM |
| May | 5:15 AM | 7:30 PM | Nov. | 7:15 AM | 5:00 PM |
| Jun. | 4:45 AM | 8:00 PM | Dec. | 7:45 AM | 5:00 PM |

Callsign: WCUE

License No.: BL-19900720AC

Name of Licensee: FAMILY STATIONS, INC.

Station Location: CUYAHOGA FALLS, OH

Frequency (kHz): 1150

Station Class: B

Antenna Coordinates:

Day

Latitude: N 41 Deg 12 Min 05 Sec

Longitude: W 81 Deg 31 Min 25 Sec

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

Nominal Power (kW): Day: 5.0

Antenna Input Power (kW): Day:

Antenna Mode: Day: DA

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

Current (amperes): Day:

Resistance (ohms): Day:

Antenna Registration Number(s):

Day:

| Tower No. | ASRN |
|-----------|------|
| 1 | None |
| 2 | None |
| 3 | None |
| 4 | None |
| 5 | None |
| 6 | None |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 681.82

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day:

Q Factor: Day: 24.012

Theoretical Parameters:

Day Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1 | 0.4700 | 146.600 | 241.6070 | 86.780 | 0 | 90.0 |
| 2 | 0.5700 | 18.300 | 232.2000 | 65.000 | 0 | 90.0 |
| 3 | 0.8200 | 128.300 | 90.0000 | 160.000 | 0 | 90.0 |
| 4 | 1.0000 | 0.000 | 0.0000 | 0.000 | 0 | 90.0 |
| 5 | 0.4700 | 110.000 | 256.2410 | 224.520 | 0 | 90.0 |
| 6 | 0.5700 | -18.300 | 232.2000 | 245.000 | 0 | 90.0 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

| Aug No. | Central Azimuth (Deg. T) | Span (Deg.) | Radiation at Central Azimuth (mV/m @ 1 km) |
|---------|--------------------------|-------------|--|
| 1 | 101.0 | 12.0 | 105.00 |
| 2 | 113.5 | 8.0 | 139.00 |
| 3 | 120.0 | 8.0 | 115.00 |
| 4 | 202.0 | 14.0 | 100.00 |
| 5 | 209.5 | 13.0 | 95.00 |
| 6 | 216.5 | 13.0 | 75.00 |
| 7 | 232.0 | 16.0 | 83.00 |

*** END OF AUTHORIZATION ***