

JUN 18 1985

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

55497
File No.: BL-850220AG

Call Sign: W C I I

AM BROADCAST STATION LICENSE

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, the LICENSEE

GREAT TRAILS BROADCASTING ~~CORP.~~ CORPORATION

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 August 1, 1989 in accordance with the following:

- 1. Station location: **Louisville, KY**
- 2. Main Studio location:
 (Listed only if not at transmitter site or not within boundaries of principal community)
- 3. Remote control location: **307 West Muhammed Ali Blvd. Louisville, KY**
- 4. Transmitter location: **414 East Daisy Lane New Albany, IN**
 North latitude : 38 ° 18 ' 28.9"
 West longitude: 85 ° 49 ' 45.3"
- 5. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.)
- 6. Antenna and ground system: **Attached**
- 7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: **None Required.**
- 8. Frequency (kHz.): 1080
- 9. Nominal power (kW): ~~1.0~~ **10**
 1.0 Day
 Night
- Antenna input power (kW): 10.5 Day
 1.08 Night
- Non-directional antenna: current _____ amperes; resistance _____ ohms.
- Directional antenna : current 14.2 amperes; resistance 52 ohms.
- Non-directional antenna: current _____ amperes; resistance _____ ohms.
- Directional antenna : current 4.56 amperes; resistance 52 ohms.
- 10. Hours of operation: Specified in construction permit (BP **-830928AC**)
- 11. Conditions: - -

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 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, as amended. 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, as amended.

This license consists of this page and pages 2, 3, & 4

Dated: JUN 12 1985

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FEDERAL COMMUNICATIONS COMMISSION



JUN 13 1985

File NO.: BL-850220AG

Call Sign: WCII

Date:

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA- 2

No. and Type of Elements: Four uniform cross-section, guyed, series excited vertical radiators.

Height above Insulators: 230' (91°)

Overall Height: 232' (91.7°)

Spacing and Orientation: With tower SW(#2) as the reference tower, NW(#1) is spaced 227.7' (90°) at a bearing of 326° true; NE(#3) is spaced 534.36' (211.14°) at a bearing of 30.77° true; and E(#4) is spaced 484.9' (191°) at a bearing of 56° T.

Non-Directional Antenna: None used

Ground System consists of 120-364' equally spaced, buried copper radials about the base of each tower or the bonding strap, plus 120-35' buried copper interspersed radials.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	NW(#1)	SW(#2)	NE(#3)	E(#4)
Night		0°	-105°	0°	-105°
Day		+106°	0°	+121°	+15°
Field Ratio:	Tower	NW(#1)	SW(#2)	NE(#3)	E(#4)
Night		1.0	1.0	1.0	1.0
Day		1.221	1.0	3.194	2.618

3. OPERATING SPECIFICATIONS

Phase Indication*:	Tower	NW(#1)	SW(#2)	NE(#3)	E(#4)
Night		0°	-138.5°	-113°	20°
Day		0°	-126°	-97°	44°
Antenna Base Current Ratio:	Tower	NW(#1)	SW(#2)	NE(#3)	E(#4)
Night		1.00	1.11	0.943	1.065
Day		1.00	0.772	2.298	2.085
Antenna Monitor Sample Current Ratio:	Tower	NW(#1)	SW(#2)	NE(#3)	E(#4)
Night		1.00	1.15	1.03	1.15
Day		1.00	0.725	0.253 2.53	2.18

* As indicated by Potomac Instruments AM-19(204) antenna monitor.

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

Field measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every seven days and appropriate record kept of all measurement so made.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 4° true North. From the transmitter, proceed west on Daisy Lane 0.4 mile to Green Valley Road. Turn right onto Green Valley Road and continue north 4.2 miles to top of ridge. Turn right onto Bald Kob, proceed east for a distance of 1.25 miles. Just as the road bends to the north, the measuring point is located 20 feet south of the road. The field intensity measured at this point should not exceed 15.8 mV/m, daytime.

Direction of 289° true North. From the transmitter, proceed west 0.85 miles on Daisy Lane to State Street. Turn north onto Route 150 and proceed approximately 3 miles. Turn left onto Luther Road leading south from Floyds Knobs. Proceed approximately 0.5 mile to Knable Court. The measuring point is located east of the Center of the cul-de-sac on Knable Court. The field intensity measured at this point should not exceed 37.2 mV/m daytime.

Direction of 326° true North. From the transmitter, proceed 0.4 mile on Daisy Lane to intersection of Green Valley ~~Road~~ ^{ROAD}. Turn north onto Green Valley Road and proceed north 1.0 mile to intersection of Spickert Knob Road. Turn left onto Spickert Knob Road and proceed 1.3 miles. Turn left onto Skyline Drive (Spickert Knob Road extended) and proceed to the first fire hydrant (approximately 200 feet from intersection). This point measures ~~43 mV/m daytime for an unattenuated field intensity at 1 mile of 153 mV/m, for an unattenuated field intensity at 1 mile of 200 mV/m. The measured field strength at this point should exceed 63.4 mV/m.~~ The field intensity measured should not exceed 64.1 mV/m daytime and 63.4 mV/m nighttime.

Direction of 58° true North. From the transmitter, proceed east 0.58 mile on Daisy Lane to Grant line Road. Turn north on Grant Line and proceed 300 feet. Turn right onto Beachwood Avenue and proceed 0.48 mile to State Route 311. Turn north onto SR 311 and proceed 1.6 miles to Graceland Cemetery. Enter Graceland Cemetery and proceed 0.21 mile to the intersection. The measurement point is located in the intersection of the Cemetery Road. The field intensity measured at this point should not exceed 24.2 mV/m Nighttime. DELETE

Direction of 78° true North.. Return to SR 311. Turn left onto SR 311, and proceed 0.17 mile to Slate Run Road bearing to the southeast. Turn left on Slate Run Road and proceed south 0.8 mile. To Old Ford Road, turn north and proceed 0.2 mile to Fox Run Street proceed west 200 feet to house number 1402. The measurement point location is located in front of driveway. The field intensity measured at this point should not exceed 12.5 mV/m nighttime.

Direction of 216° true North. From this transmitter, proceed 0.4 mile on Daisy Lane to Green Valley Road. Turn south on Green Valley Road and proceed 0.55 mile to State Street. Turn left onto State Street and proceed 0.92 mile to intersection of Cherry Street. Turn right onto Cherry street and proceed 0.62 mile to Valley View. Turn north on Valley View and proceed 0.4 mile. The measuring point is located on the east of Cherry Street 30 feet on the golf course. The field intensity measured at this point should not exceed 15.7 mV/m nighttime.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS: CONT'D

Direction of 235° true North. From the transmitter, proceed west 0.85 mile on Daisy Lane to State Street. Turn left onto State Street and proceed 0.55 miles to Captain Frank Road. Turn west on Captain Frank Road and proceed 0.85 miles to stop sign. Turn right and continue on Captain Frank Road 0.3 miles to Oakland Drive. Turn left onto Oakland Drive and proceed 0.3 mile to intersection of Greenleaf Drive. Measurement point is located on Greenleaf Drive of house 1003, 15 feet south of fire plug. The field intensity measured at this point should not exceed 23.1 mV/m nighttime.

Direction of 274° true North. From the transmitter, proceed 0.85 mile west on Daisy Lane to State Street. Turn north on State Street to west bound entrance to interstate I-265. Proceed approximately 1.0 miles to interstate I-64 (west). Proceed approximately 2.8 miles to State Route 150. Take SR 150 and proceed approximately 0.6 miles (0.1 miles past bridge). Measuring point is located east edge of road. The field intensity measured at this point should not exceed 10.5 mV/m nighttime.

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UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

55497

File No.: BR-2224

Call Sign: W K L O

STANDARD BROADCAST STATION LICENSE
MAIN AND AUXILIARY TRANSMITTERS

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, the LICENSEE

GREAT TRAILS BROADCASTING CORPORATION

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 **AUGUST 1, 1979**

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

- On a frequency of 1080 kHz.
 - With nominal power of 1 kilo watts nighttime and 10 kilo watts daytime,
with antenna input power of 1.08 kilo watts --- directional
antenna nighttime
and antenna input power of 10.5 kilo watts --- directional
antenna daytime
- | | | | | |
|---|--------------|------------|------|---------|
| [| Common Point | current | 4.56 | amperes |
| | Common Point | resistance | 52 | ohms, |
| [| Common Point | current | 14.2 | amperes |
| | Common Point | resistance | 52 | ohms |

3. Hours of operation: Unlimited Time.

Average hours of sunrise and sunset:

Jan. 8:00 am to 5:45 pm; Feb. 7:30 am to 6:15 pm;
 Mar. 7:00 am to 6:45 pm; Apr. 6:15 am to 7:15 pm;
 May 5:30 am to 7:45 pm; June 5:15 am to 8:15 pm;
 July 5:30 am to 8:00 pm; Aug. 6:00 am to 7:45 pm;
 Sep. 6:30 am to 7:00 pm; Oct. 6:45 am to 6:00 pm;
 Nov. 7:30 am to 5:30 pm; Dec. 8:00 am to 5:30 pm;
 Eastern Standard Time (Non-Advanced).

AUXILIARY: 1kw Night & Day
Common Point Current 4.56 amps

- With the station located at: Louisville, Kentucky
- With the main studio located at: 307 West Walnut, Louisville, Kentucky
- Remote control point: 307 West Walnut, Louisville, Kentucky

7. Transmitter location:
414 East Daisy Lane
New Albany, Indiana

North Latitude:
West Longitude:

38° 18' 28.9"
85° 49' 45.3"

- Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 12 & 21.
- Transmitter(s): COLLINS, 820-D1 (Main-Night-Aux.-Day) COLLINS, 820-F1 (Main-Day) COMPOSITE (Auxiliary-Night)**
- Conditions:

**Consisting of a COLLINS 820-F-1 transmitter operated at five(5)kw with a power-dividing network to dissipate four (4)kw.

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 609 of the Communications Act of 1934.

This license consists of this page and pages 2, 3, & 4.

JULY 12, 1976

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