

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BZ-820524AT

Call Sign: W T K C

STANDARD BROADCAST STATION LICENSE

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

WALTER E. MAY DBA GROUP M BROADCASTING

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

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

- On a frequency of 1300 khz.
- With nominal power of 1.08 kilowatts nighttime and 2.5 kilowatts daytime,
with antenna input power of 1080 watts ---directional

| | | |
|--------------|------------|-------------|
| Common Point | current | 3.9 amperes |
| Common Point | resistance | 71.4 ohms, |

antenna nighttime
and antenna input power of 2500 watts nondirectional

| | | |
|---------|------------|---------------|
| Antenna | current | 7.998 amperes |
| Antenna | resistance | 39.4 ohms |

antenna daytime

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

- With the station located at: Lexington, Kentucky
- With the main studio located at: 614 West Main Street
Lexington, Kentucky
- Remote control point: 614 West Main Street
Lexington, Kentucky

- Transmitter location: Greendale Pike, 1/2 mile South of Greendale, Lexington, Kentucky
North Latitude: 38° 05' 50"
West Longitude: 84° 31' 45"

- Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 12 & 21.
- Transmitter(s): Type Accepted
- Conditions: ---

Superseded authorization same date to correct remote control point.

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 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.

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

Dated: June 9, 1982

FEDERAL
COMMUNICATIONS
COMMISSION



File NO.: BZ-820524AT

Call Sign: WTKC

Date: 6-9-82

DA-N

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three self-supporting rectangular cross section, series excited, vertical radiators.

Height above Insulators: 200' (95.2°)

Overall Height: 205'

Spacing and Orientation: Spaced 189.2' (90°) between adjacent towers on a line bearing of 328° true.

Non-Directional Antenna: Center tower, with other towers floating.

Ground System consists of 120-200' buried copper radials equally spaced about each tower, plus 20' copper ground screen under each tower.

2. THEORETICAL SPECIFICATIONS

| | TOWER | SE(#3) | G(#1) | NW(#2) |
|--------------|-------|---------|-------|--------|
| Phasing: | | -152.5° | 6° | 152.5° |
| Field Ratio: | | 0.72 | 1.0 | 0.72 |

3. OPERATING SPECIFICATIONS

| | | | | |
|--|--|---------|------|------|
| Phase Indication*: | | -160.5° | 0° | 143° |
| Antenna Base Current Ratio: | | 0.67 | 1.00 | 0.82 |
| Antenna Monitor Sample Current Ratio: | | 0.66 | 1.00 | 0.80 |

* 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 to 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:

Point #1 (3), direction of 31° true North. Proceed East from the WBLG transmitter on Greendale Road to Spurr Road; turn right on Spurr and go 0.5 mile to Georgetown Road, turn left on Georgetown Road and go 3.9 miles to Ironworks Pike, turn right on Ironworks Pike and go 3.5 miles to Newtown Pike, turn left on Newtown Pike (Rt 922) and go .95 miles to Walnut Hall Farm entrance on the left. Proceed 0.2 mile into Walnut Hall Farm to white cattle gate. Monitor point measurement made in front of gate. Distance to New Monitor point is 3.9 miles. The field intensity measured at this point should not exceed 19.6 mV/m.

Point #2, direction of 76° true North. Proceed East from the WBLG transmitter on Greendale Road to Spur Road, turn right on Spur and go 0.5 mi. to Georgetown Road, turn left on Georgetown Road and go 3.9 mi. to Ironworks Pike, turn right on Ironworks and go 5.9 mi. to Russel Cave Road, turn right on Russel Cave and go 0.25 mi. to Pebblebrook Farm lane. Monitor point is 50 feet into lane and in the center of the lane. Distance from array 4.4 miles. The field intensity measured at this point should not exceed 7.5 mV/m.

Point #3 (7), direction of 177.5° true North. Leave transmitter and proceed South on Greendale Road 1.91 miles to Leestown Road. Proceed East on Leestown Road 0.9 mile to driveway on South side of road. Point is 50 yards in drive in center of circle. The field intensity measured at this point should not exceed 135.0 mV/m.

Point #4 (3), direction of 220.5° true North. Leave transmitter and proceed south on Greendale Road 1.91 miles to Leestown Road. Proceed West on Leestown Road 0.52 mile to Viley Road. Proceed South on Viley Road 0.52 mile just south of railroad. Turn West to gate. Point is in center of road, 15 feet East of gate. The field intensity measured at this point should not exceed 21.7 mV/m.

Point #5 (6), direction of 311° true North. Leave transmitter and proceed North on Greendale Road 0.5 mile to Spurr Road. Proceed West on Spurr Road 3.2 miles to Yarnelton Road. Proceed North on Yarnelton Road 0.7 mile to driveway on West side of road. Point is 75 feet in center of driveway. The field intensity measured at this point should not exceed 18.5 mV/m.

Point #6 (3), direction of 350.5° true North. Leave transmitter and proceed North on Greendale Road 0.5 mile to Spurr Road. Proceed East on Spurr Road 0.5 mile to Georgetown Pike. Proceed North on Georgetown Pike 2.7 miles to lane on left. Lane is middle one of three lanes close together on left side of road, and is 0.1 mile North of Sunset Hotel. Proceed 0.1 mile West in lane. Point is in center of lane between gates on either side. The field intensity measured at this point should not exceed 23 mV/m.