

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BZ-811201AC
BL-820623AA
Call Sign: W K C T
FAC ID-- 65589

STANDARD BROADCAST STATION LICENSE

RENEWAL & MODIFICATION

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, ^{1/}the LICENSEE

THE DAILY NEWS BROADCASTING COMPANY

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:

1. On a frequency of 930 kHz.
2. With nominal power of 0.5 kilo watts nighttime and 5 kilo watts daytime,
with antenna input power of 540 watts --- directional

Common Point	current	3.29 amperes
antenna nighttime	Common Point	resistance 50 ohms,
and antenna input power of 5000 watts non directional	Antenna	current 9.81 amperes
antenna daytime	Antenna	resistance 52 ohms
3. Hours of operation: Unlimited Time.
Average hours of sunrise and sunset:
Jan. 7:00 am to 4:45 pm; Feb. 6:30 am to 5:30 pm;
Mar. 6:00 am to 5:45 pm; Apr. 5:15 am to 6:15 pm;
May 4:30 am to 6:45 pm; June 4:30 am to 7:15 pm;
July 4:30 am to 7:00 pm; Aug. 5:00 am to 6:45 pm;
Sep. 5:30 am to 6:00 pm; Oct. 6:00 am to 5:15 pm;
Nov. 6:30 am to 4:30 pm; Dec. 7:00 am to 4:30 pm;
Central Standard Time (Non-Advanced)
4. With the station located at: Bowling Green, Kentucky
5. With the main studio located at: 804½ College Street
Bowling Green, Kentucky
6. Remote control point: 804½ College Street
Bowling Green, Kentucky
7. Transmitter location: 2.5 mi. N. on Hwy. 67
Bowling Green, Kentucky
North Latitude: 37° 01' 53"
West Longitude: 86° 26' 18"
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 12 & 21.
9. Transmitter(s): Type Accepted
10. Conditions: ---

Superseded authorization same date to correct nominal power for nighttime.

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: July 28, 1982

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FEDERAL
COMMUNICATIONS
COMMISSION



File No.: BZ 811201AC

Call Sign: WKCT

Date: 7-28-82

DA- N

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements:

Three uniform cross-section, guyed, series excited vertical radiators.

Non Directional Antenna: No. 2 (Center) tower.

Height above Insulators: 260' (88.5°)

Overall Height: 264'

Spacing and Orientation: Spaced 682' (232°) between elements on a line bearing 88° True

Ground System consists of 120 buried copper wire radials about each tower base. Minimum length 264 feet, maximum length sufficient to intersect bonding strap midway between adjacent towers. 24' x 24' ground screen at base of each tower.

2. THEORETICAL SPECIFICATIONS

	No. 1(E)	NO. 2(C)	No. 3(W)
Phasing: Night	+24.6°	+14.35°	-24.6°
Field Ratio: Night	0.500	0.960	0.5000

3. OPERATING SPECIFICATIONS

Phase Indication*:

	No. 1(E)	NO. 2(C)	No. 3(W)
Night	21.9°	0°	-27°

Antenna Base

Current Ratio:

Night	0.454	1.0	0.627
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Antenna Monitor Sample

Current Ratio:

Night	0.578	1.0	0.659
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*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 intensity 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 thirty days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 10° true North. Beginning at Fountain Square Park in Bowling Green, Kentucky. Proceed out Kentucky Highway No. 67 north for a distance of 6.65 miles at which point a gravel road turns right (Old Glasgow Road) off No. 67. Proceed out this gravel road .3 mile to first large cedar tree located on right side of road, in fence line and bank about five feet above level of road. Starting at cedar tree and at right angles to road, measure out 25 feet into road, said point being monitor point. Distance from Fountain Square Park 6.95 miles. The field intensity measured at this point should not exceed 33.6 mV/m

Direction of 40° true North. From Fountain Square Park, proceed out Richardsville Road (KY Route 67) north for a distance of 5.9 miles. Turn right onto state route 526 and proceed 1.6 miles, then turn right onto Witt Road. Proceed one and one half tenths south to the point, which is marked by a painted circle in the roadway. The field intensity measured at this point should not exceed 12.4 mV/m.

Direction of 88° true North. From Fountain Square Park travel north on U. S Hwy. 31 3.9 miles and turn left onto Plum Springs Road. Proceed 1.9 miles to the intersection with Massey Road on the left. Continue on Plum Springs Road approximately 200 feet to a small farm lane on the right. The point lies in the center of the farm lane 75 feet from the middle of Plum Springs Road, and is marked by right point on a tree on the south side of the lane. The field intensity measured at this point should not exceed 34.8 mV/m.

Direction of 148.5° true North. Beginning at Fountain Square Park in Bowling Green, Kentucky, proceed out Kentucky Highway No. 234 east for a distance 3.1 miles to a cross road at Mt. Victor. Beginning at a concrete rural highway marker located in Southwest corner of intersection of roads, proceed west on paved road 300 feet; at this point and at right angles to the road. Proceed in a northerly direction out into a pasture field 66 feet which is monitor point. Monitor point roughly lies directly at rear of Thesson's Store. This distance is approximately 3 miles from transmitter. The field intensity measured at this point should not exceed 6.9 mV/m.

Direction of 215° true North. From Fountain Square Park, follow State Route 1435 (Main Street) a distance of 1.3 miles, then turn left onto Cruzen Street. Proceed four tenths and turn left onto Gray Street. Follow Gray Street approximately one tenth to its dead end. The measurement point is at the end of the pavement and is marked by a painted circle. The field intensity measured at this point should not exceed 30.9 mV/m.

Direction of 295° true North. From Fountain Square Park, follow State Route 1435 (Main Street, then Barren River Road) out past Barren River Church to a fork at a total distance of 7.8 miles. Take the right fork and proceed 0.7 miles to the point which is 6 feet north of the Wareham mailbox and directly opposite the Wareham driveway. The field intensity measured at this point should not exceed 2.9 mV/m.