

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.

BLT-830812KN
Call Sign
WKGB-TV

TELEVISION BROADCAST STATION LICENSE

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 conditions set forth in this license, 1 the LICENSEE

KENTUCKY AUTHORITY FOR EDUCATIONAL TELEVISION

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term beginning ----- and ending AUGUST 1, 1987
(3 a.m., Local Time) (3 a.m., Local Time)

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

1. Station location: City BOWLING GREEN State KENTUCKY
2. Transmitter location: U.S. HIGHWAY 231, 2.8 miles NORTH of HADLEY, near HADLEY, KENTUCKY

North Latitude:	Degrees	37	Minutes	05	Seconds	22
West Longitude:	Degrees	86	Minutes	38	Seconds	05

3. Main studio location:
600 COOPER DRIVE, LEXINGTON, KENTUCKY

4. Transmitter:

	Visual	Aural
Make and Type	RCA/HARRIS TTU-30A/MCUI	RCA/HARRIS TTU-30/MCUI
Rated power	14.8 dbk (30 kw) peak.	9.3 dbk (8.5 kw)
5. Antenna: RCA TFU-30 J PYLON MODIFIED FOR 0.5 DEGREE ELECTRICAL BEAM TILT WITH
Make and Type MAXIMUM VISUAL EFFECTIVE RADIATED POWER OF 676 KW
Horizontal field pattern Omnidirectional

***ENGINEERING CONDITIONS: AURAL TRANSMITTER POWER MEASURED AFTER DIPLEXER
Antenna supporting structure 575 Guyed Tower

- | | | |
|--|--------------------------|----------------------------------|
| Overall height above ground | 617.6 feet | (including obstruction lighting) |
| Overall height above mean sea level | 1373.6 feet | (including obstruction lighting) |
| Obstruction marking specifications in accordance with paragraphs 1, 3, 5, 14 & 21 of FCC Form 715 attached | | |
| 6. Operating assignment: | | |
| Frequency | 704-710 | Megahertz (Channel No. 53) |
| Carrier frequency | 705.24 MHz. | |
| Effective radiated power | 27.5 dbk (562 kw) peak. | 709.74 MHz. |
| Transmitter output power | 14.8 dbk (30 kw) peak. | 17.5 dbk (56.2 kw). |
| Antenna height above average terrain | 810 feet. | 4.8 dbk (3.02 kw). |
| Hours of operation - Unlimited | | |

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 606 of the Communications Act of 1934.

1 This license consists of this page and pages

Dated: AUGUST 31, 1983
gmt

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