February 1977

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BZ-830111AI

Call Sign: W K V A

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, 1/ the LICENSEE

CENTRAL PENNSYLVANIA BROADCASTING COMPANY

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcastir for the term ending 3 a.m. Local Time AUGUST 1, 1984

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

1. On a frequency of 920 kHz.
2. With nominal power of 540 watts nighttime and 1 kilo watts daytime,
   with antenna input power of 540 watts - directional antenna nighttime ..... [Common Point / Common Point] current 3.2 ampere, resistance 52.7 ohm
   and antenna input power of 1.0 kilo watts non directional antenna daytime ..... [Antenna / Antenna] current 4.15 ampere, resistance 58 ohm
3. Hours of operation: Unlimited Time.
   Average hours of sunrise and sunset:
   Jan. 7:30am to 5:15pm; Feb. 7:00am to 5:45pm
   Mar. 6:30am to 6:15pm; Apr. 5:30am to 6:45pm
   May 5:00am to 7:15pm; June 4:45am to 7:45pm
   July 4:45am to 7:45pm; Aug. 5:15am to 7:15pm
   Sep. 5:45am to 6:15pm; Oct. 6:15am to 5:30pm
   Nov. 7:00am to 5:00pm; Dec. 7:30am to 4:45pm
   EASTERN STANDARD TIME (NON-ADVANCED)
4. With the station located at: LEWISTOWN, PENNSYLVANIA
5. With the main studio located at: One Juniata Street
   Lewistown, Pennsylvania
6. Remote control point: One Juniata Street
   Lewistown, Pennsylvania
7. Transmitter location:
   Twp. Road 388 South of
   Lewistown, Pennsylvania
   North Latitude: 40° 34' 45"
   West Longitude: 77° 34' 18"
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1,3,11 & 21
9. Transmitter(s): Type Accepted
10. Conditions: -

The Commission reserves the right during said license period of terminating this license or making effective any changes or modifica tion of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under th 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 [illegible]lication 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: April 26, 1983
WAP

FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A
June 1980

File NO.: BZ 830111AE Call Sign: WKVA Date:

DA- N

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

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

Height above Insulators: 270' (90.9°)

Overall Height: 275'

Spacing and Orientation: 267' (90°) between elements on a line bearing 138° true.

Non-Directional Antenna: Tower #2(C)

Ground System consists of 120-270' equally spaced, buried copper radials plus a 48' square ground screen at the base if each tower. Intersecting radials shortened and bonded to transverse copper strap midway between towers.

2. **THEORETICAL SPECIFICATIONS**

Towers	NW(#1)	C(#2)	SE(#3)
Phasing:	-169.7°	0°	169.7°
Field Ratio:	0.4753	1.0	0.7086

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	170.5°	0°	179.8°
Antenna Base Current Ratio:	0.516	1.00	0.728
Antenna Monitor Sample Current Ratio:	0.57	1.00	0.785

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

EXEMPTIONS AS LISTED IN SECTION 73.68 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 an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 72° true North. Leaving the WKVA site, turn left on dirt road 0.2 miles to hard road, bearing left on this road 0.3 miles to the intersection of State Route 103. Continue straight through this intersection to Delaware Street. Turn right on Delaware Street, following it around left turn, bridge over Pennsylvania Railroad, underpass past American Viscose Plant and across Juaniata River Bridge. At this point follow signs for Route 22 to Harrisburg for 1.4 miles to bridge across Jacks Creek. Check speedometer reading at this point, and continue east on Route 22 for 3.6 miles. Measuring point is on left (north side of road on bank 175' west of small culvert). Distance from transmitter 4.0 miles. The field intensity measured at this point should not exceed 2.0 mV/m.

Direction of 222° true North. Leaving the WKVA site, turn left on dirt road 0.2 miles to hard road, bearing left on this road 0.3 miles to the intersection of State Route 103. Turn very sharp left here, continuing southwest on Route 103 for 2.4 miles to hard road slanting off to right downhill. Proceed 0.45 miles along this road to small cemetery in group of trees in field to right of road. Point is 100' west, (downhill toward creek) from west edge of this cemetery, and 75' in from highway. Distance from transmitter 2.25 miles. The field intensity measured at this point should not exceed 10.4 mV/m.

Direction of 238° true North. From 222° point, continue west along hard road around hairpin turn under railroad, and around turn on far side of this railroad. From this curve, proceed 0.18 miles on hard road to point halfway between second and third poles from end of power line. Point is 135' in field toward creek near small cattle house. Distance from transmitter is 2.35 miles. The field intensity measured at this point should not exceed 9.4 mV/m.