

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BR790330VJ

Call Sign: WORX

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

HENSON BROADCASTING COMPANY, INC.

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, 1982**

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

- On a frequency of **1270** kHz.
- With nominal power of **1 kilo** watts nighttime and **1 kilo** watts daytime,
with antenna input power of **---** watts **---** directional
antenna nighttime
and antenna input power of **1.08 kilo** watts **non** directional
antenna daytime

---	current	---	amperes
---	resistance	---	ohms,
COMMON POINT	current	4.65	amperes
COMMON POINT	resistance	50	ohms

- Hours of operation: **DAYTIME AS FOLLOWS:**
 Jan. 8:00am to 5:45pm; Feb. 7:30am to 6:15pm;
 Mar. 7:00am to 6:45pm; Apr. 6:00am to 7:15pm;
 May 5:30am to 7:45pm; June 5:15am to 8:15pm;
 July 5:30am to 8:00pm; Aug. 6:00am to 7:30pm;
 Sep. 6:15am to 6:45pm; Oct. 6:45am to 6:00pm;
 Nov. 7:30am to 5:30pm; Dec. 7:45am to 5:15pm;
EASTERN STANDARD TIME (NON-ADVANCED)

- With the station located at: **MADISON, INDIANA**
- With the main studio located at: **On Telegraph Hill**
0.8 mile NE of
Madison, Indiana
- Remote control point: **---**

- Transmitter location: **On Telegraph Hill**
0.8 mile NE of
Madison, Indiana

North Latitude:	38 °	44 '	28 "
West Longitude:	85 °	21 '	41 "

- 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 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 **2 & 3**

Dated: **JULY 18, 1979**
cjb

FEDERAL
COMMUNICATIONS
COMMISSION



Ed

File No.: BR790330VJ

Call Sign: W O R X

Date: 7-18-79

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two uniform cross-section, guyed, series-excited vertical steel radiators. ^{DA-}

Height above Insulators: 200' (93°)

Overall Height: 205'

Spacing and Orientation: Spaced 376.5' (175°) on a line bearing 333° true.

Non-Directional Antenna: None used.

Ground System consists of 120-200' equally spaced buried copper radials about the base of each tower. Intersecting radials shortened and bonded to common transverse copper strap midway between towers.

2. THEORETICAL SPECIFICATIONS

	NW(#1)	SE(#2)
Phasing:	0°	-8°
Field Ratio:	1.0	1.45

3. OPERATING SPECIFICATIONS

Phase Indication*:	8°	0°
Antenna Base Current Ratio:	1.0	1.45
Antenna Monitor Sample Current Ratio:	0.64	1.00

*As indicated by Delta AAM-1 (3-235) antenna monitor.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Point #1, direction of 280° true North. A point on the State Hospital grounds! On a private drive at the east extremity of the property, at a distance of 0.15 mile north of Lookout Point. Proceed north from Main Street in Madison on State Road #7 for approximately 1.2 miles to the entrance of the State Hospital grounds. Turn south on first drive past the entrance. Monitoring point is on this drive at a distance of 0.15 mile north of Lookout Point. Distance: 2.04 miles. The field intensity measured at this point should not exceed 59 mv/m.

Point #2, direction of 333° true North. A point on the east bank of Crooked Creek near Highway 62: 0.4 mile north of intersection of State Road 62 and Hatcher Hill Road. From Main Street in Madison turn north on State Road 62 and proceed for a distance of 1.0 mile to the intersection of State Road 62 and Hatcher Hill Road. From intersection of State Road 62 and Hatcher Hill Road proceed north on State Road 62 for exactly 0.6 miles. Monitoring Point is down on incline from west side of road to creek bed. Distance: 1.35 miles. The field intensity measured at this point should not exceed 40 mv/m.

Point #3, direction of 153° true North. A point north of Mt. Carmel Church: On a country road and west of the turkey farm. Cross the Ohio River Bridge east of Madison on U.S. 421. Proceed south on U. S. 421 for a distance of 4.5 miles from the south end of the bridge to the road leading to Mt. Carmel Church. Follow Mt. Carmel Church Road north for 0.7 mile to the intersection of roads at the turkey farm. Turn west at intersection and proceed 0.3 miles to a sharp bend in the road. Monitoring point is on the south side of the road at this point. Distance: 3.60 miles. The field intensity measured at this point should not exceed 13.5 mv/m.