

FM BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to conditions set forth in this license, ^{1/} the LICENSEE

WCUW, 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: April 1, 1981

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

- 1. Frequency (MHz): 91.3 MHz
- 2. Transmitter output power: 830 watts
- 3. Effective radiated power: 630 watts (H&V)
- 4. Antenna height above average terrain (feet): 145 ft. (H&V)
- 5. Hours of operation: Unlimited
- 6. Station location: Worcester, Massachusetts
- 7. Main studio location: 950 Main Street, Worcester, Massachusetts

- 8. Remote Control point: 950 Main Street, Worcester, Massachusetts

- 9. Antenna & supporting structure: North Latitude: 42 ° 15 ' 46 "
- West Longitude: 71 ° 47 ' 59 "

PHELPS-DODGE, CFM-LP-1DA, 1 section, circularly-polarized, directionalized. Antenna is to be side-mounted near the top of a guyed mast on the roof of a 280 foot bldg. OVERALL HEIGHT ABOVE GROUND: 295 feet.

- 10. Transmitter location: Mechanic's Tower, Front Street, Worcester, Massachusetts

- 11. Transmitter(s): Type Accepted

- 12. Obstruction markings specifications in accordance with the following paragraphs of FCC Form 715: NONE REQUIRED

- 13. Conditions: See Page 1-A.

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: 1-A

Dated: October 18, 1979

FEDERAL COMMUNICATIONS COMMISSION



STATION WCUW (FM)

WORCESTER, MA

BLED-781226AD

CONDITIONS FOR FM DIRECTIONAL ANTENNA

Neither the horizontally nor vertically polarized radiation component shall exceed 0.63 kW at any azimuth and each component shall be restricted to the following values at the azimuths specified:

35 WATTS	at	83 °T
70 WATTS	at	122 °T
-----	at	----- °T

In addition, neither radiation component shall increase at a rate exceeding 0.2 dB per degree from the azimuths of restricted radiation specified above nor exceed a maximum-to-minimum ratio of 15 dB. The RMS of the vertically polarized radiation pattern shall not exceed that of the horizontally polarized radiation pattern.