



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

STATE OF WISCONSIN - EDUCATIONAL  
COMMUNICATIONS BOARD  
3319 W. BELTLINE HWY.  
MADISON WI 53713

Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau

Facility Id: 63030

Call Sign: WERN

License File Number: BLED-19951026KA

Grant Date: February 05, 1996

This license expires 3:00 a.m.  
local time, December 01, 1996.

This license covers Permit No.: BPED-940404IB  
as last modified by Permit No.: BMPED-951102IA

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 the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

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 the 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.

Callsign: WERN

License No.: BLED-19951026KA

Name of Licensee: STATE OF WISCONSIN - EDUCATIONAL COMMUNICATIONS BOARD

Station Location: WI-MADISON

Frequency (MHz): 88.7

Channel: 204

Class: B

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power:

Antenna type: Directional

Description: ODD ODD951102IA

Antenna Coordinates: North Latitude: 43 deg 03 min 21 sec

West Longitude: 89 deg 32 min 06 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	20.5	20.5
Height of radiation center above ground (Meters):	343	343
Height of radiation center above mean sea level (Meters):	686	686
Height of radiation center above average terrain (Meters):	385	385

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 434 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at an azimuth the value indicated on the composite radiation pattern authorized by construction permit BMPED-951102IA.  
 .  
 A relative field strength of 1.0 on the composite radiation pattern authorized corresponds to the following effective radiated power:  
 .  
 20.5 kilowatts.  
 .  
 Principal minima and their associated field strength limits:  
 .  
 180 degrees True: 10.9 kilowatts  
 260 degrees True: 7.6 kilowatts  
 290 degrees True: 7.7 kilowatts  
 300 degrees True: 7.2 kilowatts
  
- 2 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

\*\*\* END OF AUTHORIZATION \*\*\*