



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST TRANSLATOR/BOOSTER
STATION LICENSE

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION
5700 WEST OAKS BLVD.
ROCKLIN CA 95765

Daniel J. Fontaine
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 76223

Call Sign: W277AE

License File Number: BLFT-19970609TL

Grant Date: September 08, 1997

This license expires 3:00 a.m.
local time, December 01, 2004.

This license covers Permit No.: BPFT-961223TB
as last modified by Permit No.: BMPFT-961023TB

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: W277AE

License No.: BLFT-19970609TL

Name of Licensee: EDUCATIONAL MEDIA FOUNDATION

Principal community to be served: WI-MADISON

Primary Station: WFEN (FM) , Channel 202, ROCKFORD, IL

Via: Direct - off-air

Frequency (MHz): 103.3

Channel: 277

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 43 deg 03 min 05 sec

West Longitude: 89 deg 30 min 04 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules.

Transmitter output power: kW

Antenna type: (directional or non-directional): Non-Directional
Description:

Major lobe directions (degrees true): Not Applicable

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.038	0.038
Height of radiation center above ground (Meters):	9	9
Height of radiation center above mean sea level (Meters):	346	346

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 17 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 permittee/licensee 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 ***