



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

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION
5700 WEST OAKS BLVD.
ROCKLIN CA 95765

Robert D. Greenberg
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 76223

Call Sign: W277AE

Permit File Number: BMPFT-19961023TB

Grant Date: November 21, 1996

The authority granted herein has no effect on the expiration date of the underlying construction permit.

This Permit Modifies Permit no.: 950503TI

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Name of Permittee: 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

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

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 ***