

Federal Communications Commission

FM TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Permittee

EDUCATIONAL MEDIA
FOUNDATION
5700 WEST OAKS BLVD.
ROCKLIN, CA, 95765

Call Sign	Facility ID
W287AU	145336

File Number 0000099029	This Permit Modifies License File No. BLFT-20070607ACE	
Filing Date 01/21/2020	Grant Date 02/05/2020	Expiration Date 05/03/2023

Community of License City: DEKALB State: IL	Frequency (MHz) 105.3	Station Channel 287	Station Class D
Primary Station WQFL ROCKFORD IL		Via Direct-off-air	
Hours of Operation: Unlimited			

Transmitter Certified for compliance per 74.1250 or verified for compliance per 73.1660 of the Commission's Rules.	Transmitter Output Power As required to achieve authorized ERP.
Antenna Type Non-Directional	Antenna Coordinates (NAD 83) Latitude 41-52-33.0 N Longitude 88-45-16.2 W
Major Lobe Directions Not Applicable	

	Horizontally Polarized Antenna	Vertically Polarized Antenna
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Effective Radiated Power in the Horizontal Plane (kW)	0.019	0.019
Height of Radiation Center Above Ground (meters)	83.6	83.6
Height of Radiation Center Above Mean Sea Level (meters)	353	353
Height of Radiation Center Above Average Terrain (meters)	70.5	

Antenna Structure Registration Number 1009341	Overall Height of Antenna Structure Above Ground (meters) See the registration for this antenna structure.
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Obstruction Marking and Lighting Specifications for Antenna Structure
See the registration for this antenna structure.

Special Operating Conditions or Restrictions
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.

- Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file an Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules(See Section 83.875).

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.