



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

Penelope A. Dade  
Supervisory Analyst  
Audio Division  
Media Bureau

Facility Id: 147882

Call Sign: W280DO

License File Number: BLFT-20070622ADR

Grant Date: August 30, 2007

This license expires 3:00 a.m.  
local time, August 01, 2012.

This license covers permit no.: BNPFT-20030829BDK

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: W280DO

License No.: BLFT-20070622ADR

Name of Licensee: Educational Media Foundation

Principal community to be served: KY-LEXINGTON

Primary Station: WLKT (FM) , Channel 283, LEXINGTON-FAYETTE, KY

Via: Direct - off-air

Frequency (MHz): 103.9

Channel: 280

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 38 deg 00 min 54 sec

West Longitude: 84 deg 26 min 18 sec

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

Transmitter output power: 0.37 kW

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

Description: RFS CPF-500/2

Major lobe directions (degrees true): Not Applicable

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.25	0.25
Height of radiation center above ground (Meters):	100	100
Height of radiation center above mean sea level (Meters):	418	418

Antenna structure registration number: 1026005

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 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 \*\*\*