



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION
5700 WEST OAKS BOULEVARD
ROCKLIN CA 95765

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Facility Id: 54813

Call Sign: WPYK

License File Number: BLED-20110609AAI

Grant Date: July 08, 2011

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

This license covers construction permit BPH-20090715AAJ. This license reissued 7/26/2011 to correct from commercial to noncommercial educational per BMLED-20110330ACQ.

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: WPYK

License No.: BLED-20110609AAI

Name of Licensee: EDUCATIONAL MEDIA FOUNDATION

Station Location: OH-NEW BOSTON

Frequency (MHz): 104.1

Channel: 281

Class: C0

Hours of Operation: Unlimited

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

Transmitter output power: 22.5 kW

Antenna type: Directional

Description: ERI MP-12C-DA-HW, 12 bays, 0.5 wavelength spaced

Antenna Coordinates: North Latitude: 38 deg 41 min 00 sec

West Longitude: 83 deg 00 min 46 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	100	100
Height of radiation center above ground (Meters):	353	353
Height of radiation center above mean sea level (Meters):	676	676
Height of radiation center above average terrain (Meters):	450	450

Antenna structure registration number: 1250086

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 ***** This is a Section 73.215 contour protection grant *****
***** as requested by this applicant *****

Special operating conditions or restrictions:

- 2 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

100 kilowatts.

Principal minima and their associated field strength limits:

0-20 degrees True: 23.0 kilowatts
290 degrees True: 34.0 kilowatts

- 3 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.
- 4 Waiver of the main studio rule, 47 CFR Section 73.1125, was previously granted in license BMLD-20110330ACQ to permit WNKE to operate as a satellite of co-owned noncommercial educational FM station WNKU (FM), Highland Heights, KY (Facility ID No. 4280). The licensee shall continue to abide by the terms and representations proffered in its waiver request.

*** END OF AUTHORIZATION ***