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

Arthur E. Doak
Senior Engineer
Audio Division
Media Bureau

Grant Date: March 20, 2017

This license expires 3:00 a.m. local time, June 01, 2020.

Facility Id: 89309

Call Sign: KLFH

License File Number: BLED-20170221ABX

This license covers Permit No.: BPED-20160608HTE

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.

Name of Licensee: EDUCATIONAL MEDIA FOUNDATION

Station Location: AR-FORT SMITH

Frequency (MHz): 90.7

Channel: 214

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: 7.1 kW

Antenna type: Directional

Description: SHI 6510-2-DA, 2 bay, 1 wavelength, V polarized

Antenna Coordinates: North Latitude: 35 deg 09 min 56 sec

West Longitude: 93 deg 40 min 36 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):		26.0
Height of radiation center above ground (Meters):		76
Height of radiation center above mean sea level (Meters):		890
Height of radiation center above average terrain (Meters):		636

Antenna structure registration number: 1037857

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 Further modification of Station KLFS(FM), Van Buren, Arkansas (Facility ID No. 93775) will not be construed as a "per se" modification of KLFH's facility. (See Educational Information Corporation, 6 FCC Rcd 2207 (1991)).

2 Educational Media Foundation was granted a waiver of 47 C.F.R. § 73.1125 to allow the operation of this station as a "satellite" of co-owned noncommercial educational FM Station KLVR(FM), Middletown, California (Facility ID No. 18801). See BALED-20150723ABU, granted October 2, 2015. Grant of this waiver is continued. Educational Media Foundation must abide by each representation proffered in the waiver request.

Special operating conditions or restrictions:

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 the FCC guidelines.

4 The relative field strength of the measured vertically polarized only radiation component shall not exceed at any azimuth the value indicated on the radiation pattern authorized by Construction Permit BPED-20160608HTE.

A relative field strength of 1.0 on the radiation pattern authorized by Construction Permit BPED-20160608HTE corresponds to the following effective radiated power:

26.0 kilowatts (vertically polarized only)

Principal minima and their associated field strength limits:

70 to 80 degrees True (clockwise): 3.5 kilowatts (vertically polarized only)

*** END OF AUTHORIZATION ***