



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

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION
5700 WEST OAKS BOULEVARD
ROCKLIN CA 95765

Arthur E. Doak
Senior Engineer
Audio Division
Media Bureau

Facility ID: 89309

Call Sign: KLFH

Permit File Number: BPED-20160608HTE

Grant Date: February 14, 2017

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

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.

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.

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

Name of Permittee: 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: As required to achieve authorized ERP.

Antenna type: Directional

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

West Longitude: 93 deg 40 min 36 sec

Horizontally Polarized Antenna	Vertically Polarized Antenna
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Effective radiated power in the Horizontal Plane (kW):	26.0
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Height of radiation center above ground (Meters):	76
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Height of radiation center above mean sea level (Meters):	890
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Height of radiation center above average terrain (Meters):	636
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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 Educational Media Foundation requests waiver of 47 C.F.R. § 73.509 to allow Station KLFH(FM), as authorized herein, to receive contour overlap from the 100 dBu contour of second adjacent channel Station KLFS(FM), Van Buren, Arkansas (Facility ID No. 93775) on Channel 212A. We have afforded this request the "hard look" called for under *WAIT Radio v. FCC*, 418 F.2d 1153 (D.C. Cir. 1969), and find that the facts and circumstances presented in the applicant's justification are sufficient to establish that grant of the requested waiver is in the public interest. Accordingly, waiver of 47 C.F.R. § 73.509 IS HEREBY GRANTED. Further modifications of Station KLFS(FM) 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.
- 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.

Special operating conditions or restrictions:

- 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 this construction permit.

A relative field strength of 1.0 on the radiation pattern herein authorized 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 ***