



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

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION  
5700 WEST OAKS BLVD.  
ROCKLIN CA 95765

Brian J. Butler  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility ID: 65547

Call Sign: KMFC

Permit File Number: BPH-20010118ADF

Grant Date: April 12, 2001

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: MO-CENTRALIA

Frequency (MHz): 92.1

Channel: 221

Class: A

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: Non-Directional

Antenna Coordinates: North Latitude: 39 deg 09 min 58 sec  
West Longitude: 92 deg 09 min 52 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	3.9	3.9
Height of radiation center above ground (Meters):	123	123
Height of radiation center above mean sea level (Meters):	385	385
Height of radiation center above average terrain (Meters):	122	122
Antenna structure registration number: 1007653		

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 PROGRAM TESTS FOR KMFC WILL NOT COMMENCE ON CHANNEL 221A AT 3.9 KW AND 122 METERS HAAT UNTIL PROGRAM TESTS FOR KSDL, FACILITY ID NO. 5206, SEDALIA, MO. COMMENCE ON CHANNEL 222A AND A LICENSE WILL NOT BE GRANTED FOR KMFC ON CHANNEL 221A AT 3.9 KW AND 122 METERS HAAT UNTIL A LICENSE IS GRANTED FOR KSDL ON CHANNEL 222A.
- 2 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 \*\*\*