



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: 84363

Call Sign: WKTH

License File Number: BLED-19981013KE

Grant Date: June 20, 2000

This license expires 3:00 a.m.
local time, August 01, 2004.

This License Covers Permit No.: BPED-961120MB, as modified by Permit No.:
BMPED-970806IE

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: WKTH

License No.: BLED-19981013KE

Name of Licensee: EDUCATIONAL MEDIA FOUNDATION

Station Location: TN-TULLAHOMA

Frequency (MHz): 88.5

Channel: 203

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: 2.40 kW

Antenna type: Non-Directional

Description: SHI 6812HP-2

Antenna Coordinates: North Latitude: 35 deg 20 min 30 sec

West Longitude: 86 deg 11 min 05 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	1.90	1.90
Height of radiation center above ground (Meters):	41	41
Height of radiation center above mean sea level (Meters):	361	361
Height of radiation center above average terrain (Meters):	54	54

Antenna structure registration number: 1013826

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 Waiver of 47 CFR 73.1125 was granted in construction permit BMPED-970806IE to permit operation of the station authorized herein as a satellite of WAFR (FM), Tupelo, Mississippi.
- 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 ***