



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION
5700 WEST OAKS BLVD.
ROCKLIN CA 95765

Mary Houser
Supr Applications Examiner
Audio Division
Media Bureau

Grant Date: September 01, 1993

This license expires 3:00 a.m.
local time, October 01, 1996.

Facility Id: 15884

Call Sign: WQRP

License File Number: BLED-19890112KC

This license covers Permit No.: BPED-19861125ML

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: WQRP

License No.: BLED-19890112KC

Name of Licensee: EDUCATIONAL MEDIA FOUNDATION

Station Location: OH-DAYTON

Frequency (MHz): 89.5

Channel: 208

Class: B1

Hours of Operation: Unlimited

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

Transmitter output power: 2.35 kW

Antenna type: Directional

Description: ODD ODD861125ML

Antenna Coordinates: North Latitude: 39 deg 45 min 28 sec

West Longitude: 84 deg 11 min 36 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	6.0	6.0
Height of radiation center above ground (Meters):	104	104
Height of radiation center above mean sea level (Meters):	336	336
Height of radiation center above average terrain (Meters):	64	64

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 109 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 Neither the horizontally nor vertically polarized radiation component shall exceed the following value at any azimuth.
6 KW

Special operating conditions or restrictions:

- 2 Each component shall be restricted to the following values at the azimuths specified below.
0.190 KW AT 226 DEGREES TRUE
3.1 KW AT 284 DEGREES TRUE
0.580 KW AT 201 DEGREES TRUE
2.30 KW AT 173 DEGREES TRUE
- 3 In addition, neither radiation component shall increase at a rate exceeding 0.2 dB per degree from the azimuths of restricted radiation specified above nor exceed a maximum-to-minimum ratio of 15 dB. The rms of the vertically polarized radiation pattern shall not exceed that of the horizontally polarized radiation pattern.
- 4 WARNING SIGNS WHICH DESCRIBE THE RADIOFREQUENCY RADIATION HAZARD MUST BE POSTED AT APPROPRIATE INTERVALS. ACCESS MUST BE RESTRICTED TO PREVENT THE EXPOSURE OF HUMANS TO RADIATION IN EXCESS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE GUIDELINES (OST BULLETIN NO. 65, OCTOBER, 1985).
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THIS IS A SHARE TIME OPERATION WITH WDPS(FM), DAYTON, OHIO.
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THE PERMITTEE/LICENSEE MUST REDUCE POWER OR CEASE OPERATION AS NECESSARY TO PROTECT PERSONS HAVING ACCESS TO THE ROOF, TOWER, OR ANTENNA FROM RADIOFREQUENCY RADIATION IN EXCESS OF FCC GUIDELINES.

*** END OF AUTHORIZATION ***