



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

UNIVERSITY RADIO FOUNDATION, INC.
8801 JM KEYNES DRIVE
SUITE 91
CHARLOTTE NC 28262

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Facility Id: 69437

Call Sign: WFHE

License File Number: BLED-19951010KI

Grant Date: February 20, 1996

This license expires 3:00 a.m.
local time, December 01, 2002.

This license covers Permit No.: BPED-930114MF
. as modified by Permit No.: BMPED-940627MB
. and extended by Permit No.: BMPED-950613JC

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: WFHE

License No.: BLED-19951010KI

Name of Licensee: UNIVERSITY RADIO FOUNDATION, INC.

Station Location: NC-HICKORY

Frequency (MHz): 90.3

Channel: 212

Class: C3

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Directional

Description: ODD ODD940627MB

Antenna Coordinates: North Latitude: 35 deg 50 min 59 sec

West Longitude: 81 deg 26 min 40 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	4.0	4.0
Height of radiation center above ground (Meters):	145	145
Height of radiation center above mean sea level (Meters):	498	498
Height of radiation center above average terrain (Meters):	127	127

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 150 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 The permittee/licensee 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.

Special operating conditions or restrictions:

- 2 THE RELATIVE FIELD STRENGTH OF NEITHER THE MEASURED HORIZONTALLY NOR VERTICALLY POLARIZED RADIATION COMPONENT SHALL EXCEED AT ANY AZIMUTH THE VALUE INDICATED ON THE COMPOSITE RADIATION PATTERN AUTHORIZED BY CONSTRUCTION PERMIT BMPED-940627MB.
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A RELATIVE FIELD STRENGTH OF 1.0 ON THE COMPOSITE RADIATION PATTERN AUTHORIZED BY BMPED-940627MB CORRESPONDS TO THE FOLLOWING EFFECTIVE RADIATED POWER:
-
4.0 KILOWATTS.
-
PRINCIPAL MINIMA OF THE COMPOSITE RADIATION PATTERN CORRESPOND TO:
-
0.40 KILOWATTS AT 210 DEGREES TRUE THROUGH 240 DEGREES TRUE (CLOCKWISE ROTATION).
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WAIVER OF 47 CFR SECTION 73.1125 WAS GRANTED IN PERMIT BPED-930114MF TO ALLOW WFHE TO OPERATE AS A SATELLITE OF STATION WFAE, CHARLOTTE, NORTH CAROLINA.

*** END OF AUTHORIZATION ***