



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

TEMPLE UNIVERSITY OF THE COMMONWEALTH
SYSTEM OF HIGHER ED
1509 CECIL B. MOORE AVENUE
WRTI/THIRD FLOOR
PHILADELPHIA PA 19121

Brian J. Butler
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 65177

Grant Date: December 23, 2002

Call Sign: WRTL

This license expires 3:00 a.m.
local time, August 01, 2006.

License File Number: BLED-20000913AAJ

This license covers Permit No.: BMPED-20000913ABD

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: WRTL

License No.: BLED-20000913AAJ

Name of Licensee: TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER ED

Station Location: PA-EPHRATA

Frequency (MHz): 90.7

Channel: 214

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: .170 kW

Antenna type: Directional

Description: ALD 2XAST.04.02.230

Antenna Coordinates: North Latitude: 40 deg 19 min 22 sec
West Longitude: 76 deg 11 min 52 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	.00100	.65
Height of radiation center above ground (Meters):	26	26
Height of radiation center above mean sea level (Meters):	430	430
Height of radiation center above average terrain (Meters):	265	265

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 29 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 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-20000913ABD.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

0.65 kilowatts.

Principal minima and their associated field strength limits:

090 - 095 degrees True: 0.025 kilowatt
110 - 120 degrees True: 0.021 kilowatt
240 - 260 degrees True: 0.165 kilowatt.

- 2 Waiver of 47 C.F.R. Section 73.1125, initially granted by staff letter dated October 8, 1993, is continued to allow operation of the facility authorized by this license as a satellite operation of station WRTI(FM), Philadelphia, PA, Facility No. 65190, in accordance with the Commission's rules and the terms of the grant letter.
- 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 FCC guidelines.

*** END OF AUTHORIZATION ***