



TEMPLE UNIVERSITY
A Commonwealth University

Temple Public Radio Network

Annenberg Hall (011-00)
Philadelphia, Pennsylvania 19122
(215) 787-8405

January 9, 1992

Mr. Kermit Geary
1266 Riverview Drive
Walnutport, PA 18088

Dear Kermit:

Thanks for your report of clear reception of our new repeater station, WRTY, 91.1 MHz in Jackson Township, PA. I have confirmed that your log is correct on the days you listened, 12/28/91 from 0610 to 0724; and 1/2/92 from 1555 to 1631.

WRTY began operation on August 23, 1991 and has been transmitting continuously ever since, except during a couple of brief utility power outages. Our maximum effective radiated power is 3,500 watts from a directional antenna 865 feet above average terrain. The antenna pattern produces the full power across an arc from due west clockwise to due north.

We are required to reduce our power to 170 watts to the southeast to protect WFMU, East Orange, NJ from interference. Likewise, our power due south is reduced to 400 watts to protect WLVR, 91.3 at Lehigh University in Bethlehem. In your direction, our power is about 1,200 watts. You are no doubt receiving our signal via "knife edge diffraction" over Blue Mountain.

I live in Chester County about ten miles south of Pottstown and can receive WRTY quite well on portable receivers when WHYI goes off the air at midnight. I have also received WRTY at a friend's house northwest of Ithaca, NY, using two stacked yagis and a high quality Technics tuner.

Enclosed is a copy of our current coverage map and recent issues of our program guide. If you enjoy our programming, and you would like to receive a program guide subscription, we offer memberships at \$35 per year.

We recently obtained FCC authority to raise our Reading translator's power to 10 watts in your direction. I plan to have this project completed in mid-March, so you may want to try to catch that on 97.7 MHz. Also, we plan to move the Allentown translator to 97.1 MHz later this year and raise power to 80 watts.

Thanks again, and best wishes for continued DXing!

Sincerely,

A handwritten signature in blue ink that reads "Mark".

Mark Humphrey
Assistant GM/Chief Engineer