



RADIO STATION

WBUC

1460 KC - 5000 Watts

PHONES: 472-1460 or 472-1461 - P. O. BOX 71

Buckhannon, West Virginia

November 4, 1964

R. A. Karchevski
68 Preston St. Apt. 5
Wakefield, Mass

Dear Mr. Karchevski:

This letter will confirm your reception of a test broadcast by WBUC Radio on the morning of November 1, 1964. I wish to personally thank you for your prompt report.

WBUC transmits on 1460 kc with a power of 5,000 watts. Our 200 foot tower is located in a small valley 380 feet from the transmitter and is fed with underground cables.

Our transmitter is a Gates model BC5P2. It uses an Eimac tube type 3X2500F3 as the final RF amplifier, and a pair of the same in a high level class B modulator. The entire transmitter is air cooled. The modulator and RF tube have a plate voltage of 5,300 volts with $1\frac{1}{4}$ amperes plate current to the RF amplifier.

WBUC is self contained, studios and transmitter site being the same. As a matter of extra information to you, we supply our own water, have our own diesel generator in the rare event of a power failure, and even supply our own natural gas for heating from a well located on the property about 300 feet from the transmitting antenna.

We are now planning the installation of a series of two way radios to operate on auxiliary frequencies around 152 megacycles for direct broadcast of news and other events from remote locations as well as routine communications.

WBUC does not make any regular test broadcast for frequency measurement. About once a year we make a test broadcast of the type you heard. Once again, thank you for your report, and may I wish you continued success and good listening.

Sincerely

Jesse D. Newman

Jesse D. Newman
CE and co-owner WBUC Radio

#W-487/8 RAK