

RADIO STATION

**WBUC**

1460 KC - 1000 Watts

"Hospitality Radio for West Virginia's Friendliest City"

PHONE 444 - P. O. BOX 71

*Buckhannon, West Virginia*

March 2, 1961

Dear Mr. Brauner:

Many thanks for your letter regarding reception of WBUC at your home. It is with pleasure that I confirm that your report is correct, and I can confirm this reception for you.

Your report that WPRW of Manassas Virginia was dominant when you first tuned to 1460 was also interesting, since the owner as well as the manager of WPRW are both friends of mine. I can only assume that sky wave reception of WPRW was in evidence to make their signal that strong..

Thought you might like a word about the station here. Our transmitter is manufactured by Gates with 1,000 watts output, using a pair of 833 triodes as the final RF amplifier and a pair as modulators. We are very pleased with the overall quality. We are transmitting a bandwidth in excess of 12,000 cycles audio wise with  $\pm 2$  db response.

We are using Gates Yard console, eight inputs, and Gates turntables with Audax arms and GE VR pickups. We use three turntables, two tape decks for commercials, and one semi-automatic tape deck of our own modification for station breaks, theme leads, and the sign off announcement that you heard, which incidentally I did the announcing for.

The tower here is on low, damp ground in a valley about a quarter mile wide, and four miles long. It is 200 feet high. It is a conventional uniform cross section guyed tower, and is 380 feet from the transmitter. It is fed with underground co-ax.

I am the engineer, and half owner of WBUC, and I did all the engineering and construction for the station.

Once again, thanks for your report.

Sincerely

*Jesse D. Newman*  
Jesse D. Newman

J. W. Brauner  
R. D. 1  
Smicksburg, Pa.