

WCTW New Castle, Indiana

December 13, 1960

Mr. J. W. Brauner
R. D. 1
Smicksburg, Penna.

Dear Sir:

We indeed thank you for the letter telling of hearing us in the state of Pennsylvania.

We are a new station that commenced operation on November 14, 1960 on 1550 kilocycles with a power output of 250 watts. However the odd part of the situation is that you received us during the hours that we are operating on our night time pattern. This puts you in the direction of one of our minor lobes. Apparently the ionospheric skip, which you probably know is consistantly changing, could have made the conditions right on that particylar day for reception in your part of the country.


Our system here employs an RCA transmitter which feeds a phasor for power distribution to the towers. For daytime operation we use the two center towers of our four tower array. On the night time operation we use all four of the towers with maximum radiation in the direction of 120 degrees true and 300 degrees true which is the direction of orientation of our towers.

Once again we thak you for the information on reception of our station and wish you success in your short wave listening.

A very Merry Christmas to you and yours.

73,s

Sincerely,



Francis A. Thompson
Chief Engineer WCTW