

Jefferson



Standard *broadcasting company*

ONE JULIAN PRICE PLACE • CHARLOTTE 8, NORTH CAROLINA • EDISON 3-8833

August 15, 1961

Mr. David F. Thomas
Radio W.U.M.S.
P. O. Box 1613
Proctorville, Ohio

Dear Mr. Thomas:

Please accept our thanks for your letter and reception report of our Radio Station WBT.

The probability is that WBT was operating directional during daytime hours during the period in which you were listening and, of course, WBT Satellite in Shelby, N. C., was not operating during that period because to do so would defeat the purpose of daytime operation.

We have been making some modifications to our directional system of the main 50 kw transmitter and, of course, after such modifications it was necessary to readjust the array in order to meet electrical specifications of the system. The absence of our signal in the null area during the period in which you were listening is exactly what we would have at night in that same area if we were not utilizing the 1 kw satellite station at Shelby. I must say the system is somewhat unique in that the synchronization and programming is done by microwave radio transmission from the main station and, since synchronization is very nearly perfect, you would never know by listening whether you were receiving a signal from the satellite station or the main station; that is, when you are in the mutually covered area.

I hope these are the answers you were seeking to your questions, and if you are ever in the area, we would be happy to have you visit and look over our facilities.

Yours very truly,

A handwritten signature in blue ink that reads "M. M. Minor".

M. M. Minor, Manager
Transmitter & Field Engineering

MJM:lk