

# RADIO STATION WFMH

*"The Voice of Cullman"*

PHONE 910

P. O. BOX 265

CULLMAN, ALABAMA

January 28, 1950

Mr. Ernest R. Cooper  
National Radio Club  
438 East 21 Street  
Brooklyn 26, N.Y.

Dear Sir:

Thank you very much for your report of reception of our test broadcast. From the information submitted we feel sure that you heard our station and, therefore, hereby confirm your reception of our signal.

Just in case you are interested here are a few technical and other details about the "Voice of Cullman" and the city of Cullman.

The city of Cullman is located approximately forty-seven air miles North of Birmingham on U.S. Highway No. 31 (Birmingham-Nashville Highway) and on the main line of the L. & N. Railroad. It is the center of one of the finest and richest farming sections in the state.

The city's population is made up entirely of white people--something of an oddity for a town of the deep South. The present population of Cullman is approximately eighty-five hundred and in the county of Cullman there are approximately sixty thousand people and of that sixty thousand only about one per cent are colored. We mention this as being unusual and in no way a reflection on colored people.

Cullman County is one of the largest cotton producing counties in the state; it is the largest poultry producing county in Alabama; one of the largest in production of truck and garden crops and the original strawberry center of the South.

So much for the community and now about the equipment.

We applied for AM and FM facilities at the same time, however the FM application was granted earlier and we began that operation on August 6, 1949. The equipment is Raytheon throughout with the exception, of course, of the

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frequency and modulation monitors. Our tower is a Wincharger with a 10 1/2 foot Raytheon FM antenna mounted atop it for a total height of 269 feet; the antenna site is approximately 800 feet above mean sea level; the tower is grounded and we are shunt feeding it from the AM transmitter. A 1 5/8 inch Coaxial transmission line feeds the FM antenna. The AM transmitter is Raytheon's RA 1000, the FM transmitter an RF 250; ground system consists of a 24 foot expanded copper mesh screen and 120 Radials of No.10 copper wire buried in the ground, extending a distance of 330 feet in all directions.

The associated equipment, limiter, console, etc. are Raytheon. We are using the Associated Transcription Library with Western Electric type 109 reproducing equipment and General Electric variable reluctance pick-up for phonograph records. The line between the studio (which is located in the heart of down town Cullman) and transmitter (2.7 miles East of town) is equalized to 15,000 cycles. We have made every effort to obtain the finest of quality and we are proud of the many reports of good fidelity.

The undersigned partners are the sole owners of the "Voice of Cullman" and we both devote our full time to its operation.

We hope this information is of interest to you and again thanks a lot for your report.

With kindest regards, we are

Sincerely yours,  
THE VOICE OF CULLMAN

B.C. Eddins  
B.C. Eddins

L.E. Duffey  
L.E. Duffey

BCE/ak

Thanks here is the big word "Varified"  
Thanks again  
L.E. Duffey