

KCHA

in CHARLES CITY • IOWA •

THE TOP SPOT ON YOUR DIAL • 1580 KC • PHONE 787 •

April 20, 1954

Mr. Maurice W. Nittler
Shickley, Nebraska

Dear Mr. Nittler:

This letter is being written to confirm your reception report of our signal on April 9 at 12:30-1:00. We appreciate receiving these reports, and we want to thank you for your effort in sending one to us.

Our transmitter is a Collins 300A which has been modified so that now it is internally a 300FA. It operates with a nominal power output of 250 watts. Our frequency is held to within a tolerance of plus or minus 5 cycles and it is checked on the fourth Friday of each month at 12:30 to 1:00 AM. The frequency measuring service is Phelps Precision Laboratory in Minneapolis, Minnesota.

Some of the other pieces of equipment in use at KCHA include:

- Model SA38 Peak Limiting amplifier made by Gates Radio Company
- Model 2890 Frequency monitor made by Gates Radio Company
- Model 2639 Modulation monitor made by Gates Radio Company
- Model 52CS Console made by Gates Radio Company
- Model REM12 Remote control equipment made by Gates Radio Company
- Model PT6 tape recorder made by Magnecorder Company

On the 19th of February we became the third station in the State of Iowa to operate unattended with remote control equipment and the 238th nationally. Our transmitter is unattended and controlled from our studio..a distance of about $1\frac{1}{2}$ miles. The plate current, plate voltage, antenna current, tower lights indication and the frequency deviation meters are all read at the studio by means of telephone lines and through the use of the Gates Remote Control equipment above listed.

Our transmitter is located on Stony Point Road and our studios are at 300 $\frac{1}{2}$ North Main.

If you are ever in Charles City, please come and meet our staff.

Very truly yours,

RADIO STATION KCHA

C. J. Ellis
Charles J. Ellis
Engineering

A SINGLE BROADCASTING SERVICE IN A PROSPEROUS MARKET •

KCHA