

January 10, 1956

Mr. Kermit Geary
R.D. 2, Box 298
Walnutport, Pennsylvania

Dear Mr. Geary,

I am certainly pleased to receive your letter, and would be happy to verify your logging of our station as completely correct. I conducted the tests on January 4 myself, to familiarize myself with the equipment. I have only been with this station for a period of about three weeks now, and January fourth was the first chance I had had to run frequency response and distortion checks on this equipment.

You may be interested to know that our audio frequency response is flat 30 to 10,000 cps plus or minus 1 db, with 1.6 per-cent distortion at 400 cps, 50 per-cent modulation and comparably good characteristics at other frequencies. Our modulation monitor was not working correctly, so much of the transmission during the check was done with 100% or slightly more modulation while necessary adjustments were made.

Our call letters were officially changed from KAAA to KCUE on January 1st. The station is under new management, and operating under nearly an entire new staff, so there is much work to be done by all. Besides being the only licensed engineer on the station, among my duties are: staff announcing, sales, and continuity writing. Everyone else on the staff is also doing double duty, but things are already shaping up quite nicely, and we hope shortly to have everything operating smoothly.

Our equipment consists of 1 kw. Gates transmitter, All Gates amplifiers and monitor equipment, with a custom built 9-channel audio mixer, 3 turntables and 3 tape machines. Tower is 216 ft. high with 200 ft. radials placed every 3-degrees. I don't know the exact height of the base above sea-level, but it is one of the highest points of land in the surrounding area, which probably accounts for you receiving our skip wave over that of the Milwaukee station.

Let me extend my sincere thanks for your letter, and I will be happy to reply to any future correspondence.

Sincerely,



Alan M. Kennedy, Jr., chief engineer
Radio Station K C U E
R F D # 4
Red Wing, Minnesota