

WGEE AM 1360 COUNTRY

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January 15, 1992

Wayne Heinen
4131 S. Andes Way
Aurora, CO 80013-3831

Dear Mr. Heinen,

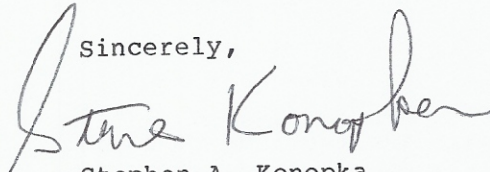
Thank you for your report of reception of WGEE during the IRCA test which we conducted between 1:00 and 2:00 AM CST on December 2, 1991. This shall confirm that your report accurately described our program content during that hour.

The WGEE transmitter plant consists of four series-fed (base insulated) vertical antenna towers, each being approximately .25 wavelength, or 190 feet tall. These radiator elements are arranged in a rectangle on our antenna farm which is situated six miles south of our downtown Green Bay studios. Programs and remote-control signals are conveyed from studios to transmitter via 950 MHz microwave link. Transmission power is five kilowatts both day and night. Daytime operation is non-directional, using a single tower. Nighttime operation, employing all towers, creates essentially a "figure 8" pattern which has a major signal lobe bearing 22 degrees east of true north. It should be noted that during the IRCA test, the non-directional antenna was used.

Our transmitter is a Collins type 828E-1, which uses vacuum tube output stages and employs pulse-duration modulation. We also employ "C-Quam" stereo modulation.

We again thank you for your response, and we wish you well in your fine hobby.

Sincerely,



Stephen A. Konopka
Chief Operator

SAK/kmf