

WKRS
AM & FM



Telephone: Ontario 9000

1,000 watts am • 1,220 kilocycles
12,000 watts fm • 106.7 megacycles
owned and operated by The Waukegan News-Sun
Post Office Box 500 • Waukegan, Illinois
Joseph B. Kirby • General Manager

January 16, 1950

Mr. David F. Thomas
Proctorville
Ohio

Dear Mr. Thomas:

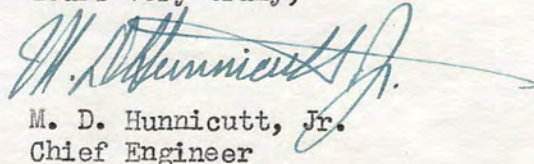
Thank you very much for your report of January 14th, 1950, concerning reception of radio station WKRS from 4:05 A.M., EST, on January 14th. This letter is to confirm the items and announcements heard during the broadcast period that you monitored.

WKRS is the AM sister to WKRS FM, which has been operating on 106.7 megacycles (channel 294), since July 25, 1948. WKRS, authorized to operate with 1,000 watts on 1220 kilocycles, commenced its program test on September 25 of 1949. The station employs Western Electric speech input equipment, microphones, limiting amplifier and Gates Model BCLF one kilowatt transmitter. Phasing equipment is by Gates, and the two tower directional array employs a Blaw Knox type CFN insulated, self-supporting vertical radiator 320 feet over all and a Wincharger type 101 insulated guyed cross-section vertical radiator 228 feet over all.

WKRS FM shares studios and control facilities with its AM affiliate and employs a Western Electric Model 54A eight bay cloverleaf antenna mounted on top of the CFN tower, giving an effective radiated power of 12,000 watts.

With my very best wishes for continued DX listening, I am

Yours very truly,


M. D. Hunnicutt, Jr.
Chief Engineer

MDH/mz