



Serving the Quad-Cities

- DAVENPORT
- ROCK ISLAND
- MOLINE
- EAST MOLINE

MOLINE, ILLINOIS

January 12, 1965

Mr. Ernest J. Wesolowski
1416 Pasadena Avenue
Omaha, Nebrasks 68107

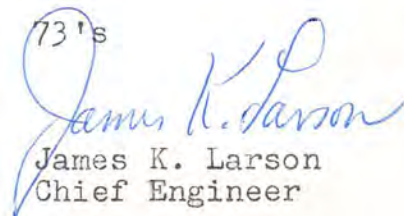
Dear Mr. Wesolowski,

Thank you for your report of the reception of WQUA during the frequency check January 10, 1965, 1 AM to 1:15 AM. Your Reception Report No. 65-5 is correct and accurate.

WQUA was operating all night when you first heard it on October 24, 1959. At the present time, we operate during the hours of 5 AM to 1 AM except Sunday, 6 AM to 11 PM. Equipment and performance tests are usually conducted with 1000 watts of power and it is true that this test was performed using 1 kw. Our normal operation is 1000 watts day, 250 watts night.

WQUA has a single shunt-fed self-supporting vertical tower with a resulting circular pattern. We have a Collins 20V-3 transmitter with a remote operation from the studios. As you know, the frequency 1230 kc is designated as a "local" frequency and there are numerous other stations on this frequency. For this reason dependable reception is impossible beyond a 50 mile radius. Nevertheless, we have had signal reports from such places as Allendale, Michigan (9:20 AM) and Maple Shade, New Jersey (11:15 AM). When we were on all night we received many reports including one from New Zealand, some 7000 miles away.

Thanks again for the reception report and good luck with your hobby.

73's

James K. Larson
Chief Engineer