

WOMI

MUTUAL NETWORK AFFILIATE

OWENSBORO BROADCASTING CO.

Incorporated

OWENSBORO, KENTUCKY

June 9, 1953

Mr. David F. Thomas
Proctorville, Ohio

Dear Mr. Thomas:

Thank you for your interest in submitting your report of reception of WOMI-FM on your mobile receiver while in Indianapolis on May 30th.

This will confirm the program numbers and spot announcement outlined in your report were broadcast over WOMI-FM during the time period you mentioned. To the best of my knowledge, this is the first mobile report we have received on our FM outlet, although station personnel have made mobile receiver checks using special antenna mounted on the roof of the automobile at points greater than 100 air-line miles from the station, the antenna being a simple dipole.

We have reception reports from as far away as Utah, and regular reception reports from Alabama, Tennessee, Michigan, Minnesota and Ohio, to name a few of the states from which these reports have been received.

For your information, WOMI-FM uses a GE 10 K.W. transmitter with an input of 9.6 k.w. and an 8-bay G.E. antenna the center of which is approximately 387 feet above the ground. Our e.r.p. is 60,000 watts, and our s.w.r. is better than 1.1. This efficient match to our antenna probably accounts for the exceptional coverage obtained.

The only time our AM station is on the air during the experimental period these days is to test operation after any engineering changes or adjustments made after signoff, since we now obtain our frequency checks locally.

Once again, thank you for submitting your report which we will make a part of our coverage data file.

Sincerely yours,



Harold I. Peters
Chief Engineer.