



• H. K. "Bud" CROWL,
Pres. and Gen. Mgr.

BROADCASTING CORPORATION

Chamber Of Commerce Bldg. Springfield, Ohio

A GREAT INDEPENDENT

TELEPHONE 3-6488

April 14, 1954

Mr. J. W. Brauner
23 Howard Ave.
Williamsville 21,
New York

Dear Mr. Brauner:

Thanks for your letter and log of our program for Sunday morning April 4, 1954. Your log was correct.

Our power here, as you said, is 250 watts. Our radiator is about 120 electrical degrees, or $1/3$ wavelength. Our ground wave gives 0.5 mv/m at about 35mi. For transmitters in this area, this performance is considered good. Occasionally we receive DX reports from neighboring states, but since WCAU has begun 24 hour operation, our sky-wave stands little chance. All other things being equal, WCAU starts with a 23DB advantage. At your location there may have been a difference of more than 30DB when WCAU was not in a fade.

We will be glad to answer any further reception reports you can make.

Yours Truly

Vern Yeich

Vern Yeich, Ch. Engr.

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