



"THE THOROUGHBRED STATION OF THE NATION"

OWNED AND OPERATED BY THE AMERICAN BROADCASTING CORP. OF KY.

COAST-TO-COAST
Mutual
AND THE
Southern Network



RADIO BUILDING
LEXINGTON, KY.

January 21st, 1944

Mr. David F. Thomas,
Longwave Listening Post,
Proctorville, Ohio,

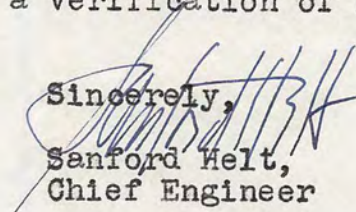
Dear Mr. Thomas:

I have your letter of the 20th, along with reception report card on our special DX program of January 20th, 3:00 to 4:00 AMCWT.

Your comments regarding the skywave signal intensity of Radio Station WNOE are greatly appreciated. I agree with you that it is certainly unusual that you were subjected to such values of skywave interference from WNOE. According to the record WNOE is licensed to operate with a power of 250 watts, but with a short antenna such as they employ there in New Orleans it is true that their high angle skywave radiation would be considerable. However, at your distance it is difficult to imagine that station subjecting our signal to such interference. We employ a half wave antenna on 1450Kc/s and lay down a measured signal of 120Mv/m at the mile which is unusually heavy for 250 watts, ie, the FCC Standards of Good Engineering Practice state that the 250 watt average signal intensity should amount to about 75Mv/m at the mile.

Nevertheless, I appreciate your report very much and this letter will serve as a verification of same.

Sincerely,


Sanford Helt,
Chief Engineer

N.B. I wonder if you could give me your general comments on our Radio WCMI at Ashland, Kentucky if you should ever run across them ?