

wdee  
50,000 WATTS



Tower 14 • 21700 Northwestern Hwy. • Suite 600 • Southfield, Michigan 48075 • [313] 557-1500

May 30, 1975

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

Dear Ernie:

Thank you for your letter of May 19, 1975 describing your reception of WDEE on the same day.

During the time period you indicated, we were in the process of performing our annual proof of performance measurements on our 50 KW day transmitter. I suspect that the reason our modulation of our ID was low was due to the fact that our limiting equipment had been bypassed in order to perform technical adjustments. Usually when that equipment has been bypassed, we operate with low modulation levels to be certain that we do not exceed FCC modulation limits.

I have enclosed a day coverage map which is a fairly accurate cartoon representation of our day signal. Also included is a photocopy of a night coverage map that I made about a year ago. From conversations with people in the metro Detroit area, it appears that the night coverage map is reasonably accurate, too. A rough calculation shows that in our day mode of operation, we radiate approximately 83 watts in the direction of Omaha. Needless to say, that is not very much power.

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By the way, the "young" engineer you conversed with was myself.  
I certainly remember your visit of August and invite you to return  
when you are in the area.

Sincerely,



Craig B. Roberts  
Assistant Engineering Supervisor

CBR/st

Enclosures (2)

P. S. Having spent a fair amount of time in Omaha, I appreciate  
the KOIL music surveys.