



DULUTH 2, MINN. 5000 WATTS 610 KILOCYCLES
January 12, 1950

Mr. Ernest R. Cooper
438 East 21st Street
Brooklyn 26, New York

Dear Mr. Cooper:

This will confirm your report of reception of KDAL on January 2 and also on January 8, 1950.

KDAL employs a directional antenna system at night in order to afford protection to WIP in Philadelphia, and radiates approximately 1500 watts in that direction.

WREX in Duluth employs a directional antenna system at night in order to provide protection to WOR and probably radiates about 50 watts in that direction, so it is understandable that you have some difficulty in logging that station.

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Yours very truly,

R. A. Dettman
Chief Engineer