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BASIC CBC TRANS-CANADA

September 3rd, 1954.

Mr. David F. Thomas,  
Longwave Listening Post,  
Radio W.U.M.S.,  
PROCTORVILLE, Ohio,  
U.S.A.

Dear Mr. Thomas:

Thank you for your report. As you state CKSO runs non-directional day and directional night, whereas the French Station CHNO runs directional day and night, with the signal projected north and northeast.

A copy of our coverage map is enclosed.

Your comments on the report are most interesting and helpful to our Engineering Department, and we do know that there is a great deal of difficulty with power line interference in Northern Ontario.

This is due in some cases to private power companies who do not take care of leaky insulators and maintenance of equipment as well as possible, and your report of the variation in signal strength in the Northern area does confirm what our Engineers find.

We are located in a very highly nickel mineralized area, which does have an effect on outside stations getting in, -- no other station being heard within the nickel bowl, except the two locals, and with a great variance in station strengths at night sometimes American stations come in here with terrific power for a week, and then disappear not to be heard for months.

The easy explanation seems to be mineral deposits, while others blame it more on atmospherics, and other causes in the North.

Your report is appreciated by our Engineering Department.

Yours very truly,  
CKSO RADIO LIMITED

W. J. WOODILL,  
General Manager.

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