



# kobk

## **OWATONNA BROADCASTING COMPANY OWATONNA, MINNESOTA**

November 14, 1950

Ernest R. Cooper, Editor  
National Radio Club  
438 East 21st Street  
Brooklyn 26, New York

Dear Mr. Cooper:

This is to verify your report of reception of radio station KOBK on October 22, 1950, near 3:00 a.m. CST. A check on the station's transmitter and program logs compare with the information you supplied in your letter.

KOBK operates on 1390 kc, with 500 watts power, daytime operation only, non-directional. Our transmitter is the new Collins 20-V 1-kw model, employing (2) 4-400-A Eimac tetrodes as power amplifiers in the RF final, and (2) 4-250-A Eimac tetrodes as modulators. Control-room and other equipment in the station is also manufactured by Collins Radio Company of Cedar Rapids, Iowa.

The transmitting tower is a 200-foot guyed Wincharger assembly. The tower is fed from the transmitter by a 7/8" rigid 72-ohm Andrew co-ax line.

We have a consistent coverage radius of about 60 miles.

We are subscribers to Lang-Worth Transcription service and United Press teletype.

Owatonna, Minnesota is a city of about 10,000 population, located in Steele county in south central Minnesota.

Owatonna derives its name from an Indian princess who was supposedly healed by the mineral springs in this area.

We were very happy to receive your report of reception, and this will become part of our permanent engineering file.

Thank you for your consideration.

Sincerely yours,

*Richard D. Nelson*  
Chief engineer