

# RADIO STATION

1000 Watts

**K**ONSTANT

1150 Kilocycles

**B**OOSTING

J. Ronald Bayton  
Manager

**K**AN  
**H**ELP

PHONE 15251  
Pullman, Washington

**Whitman County**

February 15, 1951

Hi Kermit:

Your letter is one which a guy really appreciates. I think you took more pains with your signal report than any I have received. Very informative and complete. It is with pleasure that I acknowledge your report.

According to my transmitter log, all the times and announcements you have listed are absolutely on the nose. Including the titles of the music. You have my name correct and the announcers first name. His last name by the way is "Concie". I'm very glad to know that the equipment here is working so well. The entire station is new Gates equipment. The Xmitter is the Gates BC-IF type, 1kw. We have a 220 ft. tower which is located about 650 ft. from the transmitter on top of a small hill in a wheat field. The altitude here is about 2500 ft. above sea level. I'm using an open wire transmission line, six wires. Four wires in a box formation around two hot wires in the center. The line is elevated 13 ft. off the ground. All the audio system is gates and the total hours rated on the xmitter clock as of this hour is 1686.9. So far I have had no failures. The first month of operation I had the usual troubles while the equipment was settling down. I've had no tube failures in any of the equipment. KBKH is a daytimer only. We hope to go full time maybe next year. I believe you must know what a station has to go through to do that. We have a couple of stations here in Wash. on the same freq. which are already full time. So it will probably cost quite a lot to

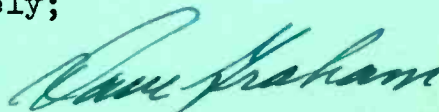
put up a directional system to protect them. The station has been doing fine even with short operation.

The Gates transmitter uses 833 A's in the final, 813 buffer, 807 Exciter and a 6V6 osc. The tube line up is very good and seems to function with a minimum of trouble. The only trouble I have is the power company here is not as dependable as I would like it to be. Once in a while the power will kick off and I have to run around turning on circuit breakers to get the thing back on the air. That's life though.

Our regular frequency checks are on the 2nd and 4th Monday mornings of each month between 12:30 and 12:45 AM, PST. Usually I run a short test broadcast afterwards for the purpose of tuning and so on. I would be glad to hear from you at any time. Incase you hear an irregularity or something, it is always nice to know.

I want to thank you again for your swell letter. Anything I have left out on this epistle, please let me know and I'll surely give you the information.

Sincerely;



Dave Graham Chief Eng.