

WBKN RADIO STATION
110 S. MAIN STREET
NEWTON, MISS. 39345

CARL W. DABELSTEIN
3300 NORTH 56TH ST.
LINCOLN, NEBRASKA
68570

DEAR MR. DABELSTEIN:

WE WERE PLEASED TO HEAR THAT YOU RECEIVED RADIO STATION
WBKN. WBKN USES A 200 FOOT TOWER WITH A RESISTANCE OF
92.1 OHMS. OUR GROUND SYSTEM CONSIST OF 120 COPPER
RADIALS 175 FEET LONG. THE DAYTIME COVERAGE IS ABOUT
20 TO 25 MILES. WBKN HAS ONLY 500 WATTS BUT HAS RECEIVED
QSL'S FROM NEW ZEALAND. WE ARE USING A GATES 1KW.
TRANSMITTER WITH RESISTORS IN THE B+ BETWEEN THE MODULATION
TRANSFORMER AND THE FINAL RF. AMP. TO REDUCE THE POWER TO
500 WATTS. THE PLATE VOLTAGE IS 2000, AND PLATE CURRENT
IS 400 MA. THE ANTENNA CURRENT IS 2.33. THE EFFENCY MAY
SEEM TO BE A LITTLE LOW BUT I HAVE SOME TROUBLE IN THE
DRIVER STAGES. THE EFFENCY SHOULD BE IN THE NEIGHBORHOOD
OF 72%. I HAVE ONLY BEEN HERE A SHORT TIME AND AM MAKING
CHANGES IN THE XMITTR. THANK FOR YOUR QSL 73,S.

SINCERELY YOURS,

HARRIS F. WALLACE
CHIEF ENGINEER, WBKN