

1340 Kc.

WGAW

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4 PLEASANT STREET
GARDNER, MASSACHUSETTS

*Mr. Norman L. Maguire
Albuquerque New Mexico
Dear OM:*

Jan. 22, 1954

We have checked the information given us in your recent letter and are very happy to verify your reception of our special test program broadcast from 4:15 AM to 4:48 AM, Monday, January 18, 1954.

WGAW is one of the KBR Stations of New England and operates with a power of 250 watts on a carrier frequency of 1340 Kcs. We are affiliated with the American Broadcasting Company and carry all the important ABC programs, together with local sports and events, plus disc jockey presentations. Regular operating time is from 6:30 AM to 11:30 PM.

The transmitter is a General Electric BT-20-A Broadcast Transmitter with two 125 watt tubes in the final using high level modulation. Antenna is a 150 foot tower, uniform cross section, series excited. Ground system consists of 120 radials 150 feet long of buried copper wire.

Operation of the transmitter is entirely by remote control from our studios located in the heart of the business district of Gardner, Massachusetts. Remote control equipment was manufactured by the Rust Industrial Company of Manchester, N.H., and enables us to turn the transmitter on and off, read all necessary meters, turn controls up or down to adjust voltages, antenna loading, switch circuits for network programs, etc. A telephone type dial, one switch and one meter comprise the controls at the studios. In case of failure of the control circuit the transmitter is shut off within three seconds.

Your report of the reception of WGAW is greatly appreciated, and the response to the program has been far beyond our expectations. To date we have received letters from listeners as far south as ~~West Virginia~~ *Florida*, west to ~~Nebraska~~ *California*, and north to Northern Quebec.

Very sincerely yours and 73s

Gordon V. N. Wiley

GORDON V. N. WILEY, Engineer
(Also operator of WLAUN since 1927)

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