



Headquarters Oahu Signal
Service, APO 958, San
Francisco, Calif.
(Fort Shafter, T.H.)
August 6, 1946.

Mr Kermit Geary
RFD # 2,
Walnutport, Penna.

Dear Mr. Geary:

It is with considerable pleasure that we note the very excellent report of reception of WTJ's signal on 21 July which you have so kindly forwarded. The subject matter being broadcast at the time you mention was preparatory to the "B" day atomic bomb experiments which we relayed to broadcast networks in the States. The data forwarded was most complete and informative.

Perhaps it might be well, before going into explanations that follow, to give a general explanation of our activities here; WTJ is the radio station serving Headquarters, Middle Pacific (Army Forces). In addition to serving this Headquarters, WTJ is the primary relay point between the U.S. and all points in the Pacific including Asia. Our primary mission is handling Army administrative traffic, which is accomplished by means of radioteletype exclusively. We also handle all radio-photo (facsimile) further, we do a certain amount of rebroadcasting work. Generally, the broadcast work consists chiefly of Presidential speeches, Army-Navy football games and other important events such as the atomic bomb experiments.




The equipment used for voice transmission consists of two transmitters, one 2 KW Collins and one 7.5 KW RCA. The transmitter you reported on was the 7.5 KW RCA, employing a three-curtain rhombic antenna 600 feet either side measured apex to apex, 90 feet high, and directed to San Francisco and Washington which have a common bearing from our transmitter site.

The signals relayed from NICO, NCLG etc were being received on triple diversity program receivers type DR-89 (RCA), also utilizing rhombic antennae the same type as used for transmitters except of single curtain design.

We have several chief operators of which I am not one, however, in view of the interesting comments in your letter I felt that I should reply in person. Thank you for writing, and should you happen to pass this way within the next two or three years be sure to look me up and I will be glad to show what we have, which is very considerable indeed.

Very truly yours,


Fletcher S. Randall
Capt., Signal Corps,
Chief, Traffic Section