

BELL TELEPHONE LABORATORIES

INCORPORATED

HOLMDEL, NEW JERSEY

MAIL: BOX 107, RED BANK, N.J.

WHITNEY 6-4132

July 26, 1960

MR. GROTE REBER

National Radio Astronomy Observatory

Green Bank, West Virginia

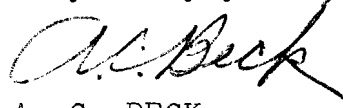
Dear Mr. Reber:

Thank you very much for the time you spent to give us such a very interesting day at Green Bank last week. The matter of the Jansky antenna is being considered by our Publication Department, and you will no doubt hear from them soon.

I promised to look into the matter I mentioned about a sixty cycle permanent magnet alternator for possible use to stabilize line voltage when making precise measurements. The one we are using was made by O'Keefe and Merritt in Los Angeles, but I am told they are now out of business. Their chief designer, W. H. Bucknell, is now in his own business as Bucknell Engineering Company, also in Los Angeles, and he designs such machinery, but whether he has manufacturing facilities is not known here. The Bell System buys a unit with a 5 K.W. permanent magnet alternator and both sixty cycle and direct current motors on the same shaft, for standby power in case of commercial power failure, from Electric Specialty Company, 211 South Street, Stamford, Conn., so they should be a source for such equipment.

Thank you again for all you did for us.

Very truly yours,



A. C. BECK

HO-1362-ACB-CS

Wrote -

Mr Beck called
again He and two
other persons will be
here sometime Tuesday
morning - for the day
only

Harry.

1881

July 19 Tues

Mr Beck

Bull Tely. Lab.

Halsedel, N.J.

Whitney 64132.

17 July 60

Edward Beck & I went around NRAO,
They seemed very interested and asked
numerous questions. Beck said he had a
lot of information on details of ionizing
antenna. I showed them where we proposed
to install it. Tentatively the matter was
left as follows:

1. Beck would contact Timmerson to find out
who, if anyone, Timmerson had talked to at BTL,
also what comments, if any, had been made.
2. BTL would design and fabricate all the
parts in plate with Wolframizing treatment.
These would be shipped to NRAO.
3. NRAO would make the foundations and
assemble the structure.

P. J. Keeler is of engineering dept.
Timmerson is of publications dept.