

24th January, 1967.

Dr. Everett H. Hurlburt,
Department of Astronomy,
National Science Foundation,
WASHINGTON D.C., 20550 ... U.S.A.

Dear Dr. Hurlburt,

Thank you for your note of the 10th. If you decide to take the matter up, please allow me to remain anonymous until I leave the country in a few months.

Over a year ago I discussed with you a proposed project on cosmic ray astronomy. Considerable effort has been expended on this matter trying to find suitable detectors. So far nothing has turned up by enquiry or experiment which I think is good enough to propose a large scale undertaking. I expect to consult with people at Brookhaven and Argonne on this matter when I return to U.S.A.

Since my letter of 18th October 1966, my hectometer radio astronomy data has been examined in more detail and organized in a variety of ways. The results are far beyond anything possible using rockets or satellites. In fact, these wavelengths provide a whole new outlook on the nature of the sidereal universe. Rising solar activity prevents more observations. However, now is the time to organize and construct a more elegant establishment to take advantage of the next favorable epoch. I have picked out on maps over a score of possible places to make the installation. During the next northern summer I will examine these first hand and select a suitable one.

In order to prevent unnecessary delays due to long lead time in funding I wish to make a proposal on this matter to be put into the forthcoming N.S.F. budget. The sum will be substantial and cannot be met from open accounts. It should be presented as a separate item. When does the currently being prepared N.S.F. budget go to the Director of the Bureau of the Budget for review? I wish to be sure my item is included. If possible, I will be back in U.S.A. at the appropriate time to promote, or defend my item in person. How many copies of the proposal do you need and what is a reasonable closing date?

Yours faithfully,

GR/JCA

Grote Reber.