

6th July 1993

Dr; Thomas E. Gergely
National Science Foundation
1800 G. Street, N.W.
Washington, D.C.
U. S. A., 20550

Dear Dr. Gergely:

Our last exchange of correspondence was 28 January 1992. Since then, circumstances have changed. Now I'm interested in creating artificial holes of low electron density in ionosphere. I vaguely recall some theoretical papers on this subject perhaps ten years ago. They discussed probably effectiveness of injecting various chemicals into F layer. These chemicals were said to have a high affinity for free electrons. Accordingly they would sweep the F layer clean and greatly reduce f_oF_2 .

Also about that time, a Saturn V rocket was launched. It kept burning beyond usual shut off altitude. By chance this vehicle created an artificial hole in F layer. The whole affair was not expected, so the opportunity was muffed.

Perhaps you know someone at NSF who is familiar with the above subject. Or, just place copies of this letter on several bulletin boards asking for comments, plus references to literature. Your consideration and assistance will be greatly appreciated. Let us see what you can turn up.

I am,

Sincerely yours,

Grote Reber

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