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UNIVERSITY OF MAINE
ORONO, MAINE



AGRICULTURAL EXPERIMENT STATION

November 12, 1956

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CRB

Dr. Cecil R. Buchanan, Assistant Chief
Byproduct Licensing Branch
Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

Dear Dr. Buchanan:

RE: IEB:NB (2501)

In reply to your letter of November 1 regarding application for byproduct material license, our use of Chlorine 36 will be limited to greenhouse facilities and possibly some in vitro leaching studies. We will not utilize Chlorine 36 in any field studies.

We have reconsidered the disposal of waste material at the University dump, since it would be difficult to protect this area against unauthorized entry. The Agronomy Department has land for use in various Agronomic investigations. A portion of this land is unsuitable for any kind of crop production and does not contain edible vegetation. The soil is variable but the topography is such that it will not be subject to excessive erosion or leaching. The land is also in a remote location where unauthorized entry should not be a problem.

Hence, we propose to fence a corner of this land and suitably mark the area. We will be able to bury the material at a depth of at least 4 feet. We will also divide the area into sections according to a specific plan so that the concentration of radioactive material will not exceed the limits as set forth in Section 20.31. Records will be kept separately in regard to the type and concentration of radioactive material added to sections of the restricted area.

If you have some suggestions which would improve our proposed method of waste disposal, we would be happy to comply with them. We will gladly send any further information you might desire.

Very truly yours,

Harold W. Gausman

Harold W. Gausman
Associate Agronomist

cc: Dr. Struchtemeyer

U.S. AIR FORCE

WALKING OPERATIONS

1956 NOV 15 AM 10 01

TO: SAC, [illegible] FROM: [illegible]

RE: [illegible] (S) [illegible]

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