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ATOMIC ENERGY OF CANADA LIMITED

CHALK RIVER PROJECT

CHALK RIVER, ONT.

November 23, 1954

Dr. Joshua Lederberg
Department of Genetics
University of Wisconsin
Madison 6, Wisconsin

Dear Joshua:

Recently, during a trip to England, I visited Hinshelwood and Dean. They are now working with yeasts and I believe that Hinshelwood was somewhat surprised to find regular segregations for sugar characters. I suggested to Dean that they should do at least a simple bacterial crossing experiment to assure themselves that there was clearcut segregations in this as well. Since coming back I have sent them stocks with Lac_1, V_1 and S markers. As these stocks were originally obtained from you, and only the S marker is our own, I hope this is all right with you. My own feelings is that once they are faced with the problem of interpreting linked segregations, observed in their own laboratory, they will be much more willing to accept the probability of a structural basis for it.

Incidentally, I enjoyed this visit very much, and left with the feeling that any co-operation with them would be well worth while.

Yours sincerely,

Howard

HBN/KP

H. B. Newcombe

All very best wishes to yourself and Esther.