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McGill University
Montreal

October 30th, 1944

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Dr. Robert G. Sproul,
President,
The University of California
Berkeley, California

Dear Sir,-

McGill is reviving its intention to install a cyclotron, and I am chairman of a committee to choose a suitable site.

In that connection I would be greatly appreciative of any information you can give us arising out of your experience in operating your cyclotron, not in a technical sense, but concerning its danger or nuisance to other interests.

Have you met any unexpected difficulties in regards leakage of radiations, or in connection with the strong magnetic field developed, in relation to effect on personnel; on delicate instruments; on research work of various kinds in adjacent buildings, etc.?

In other words, what special precautions must be taken, and what definite factors must be considered in the choice of location if one would avoid possible complications? Must it be entirely isolated from other buildings and activities, or may it be built into or below another building if suitably screened?

Yours very sincerely,

(S) J.J.O'Neill

Dean of Engineering

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