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The Committee decided that an attempt should be made at possibility (3) but that if this proved infeasible either for reasons connected with the X-ray experiment itself or for reasons such as those mentioned by Schreiber, the second spot would be abandoned.

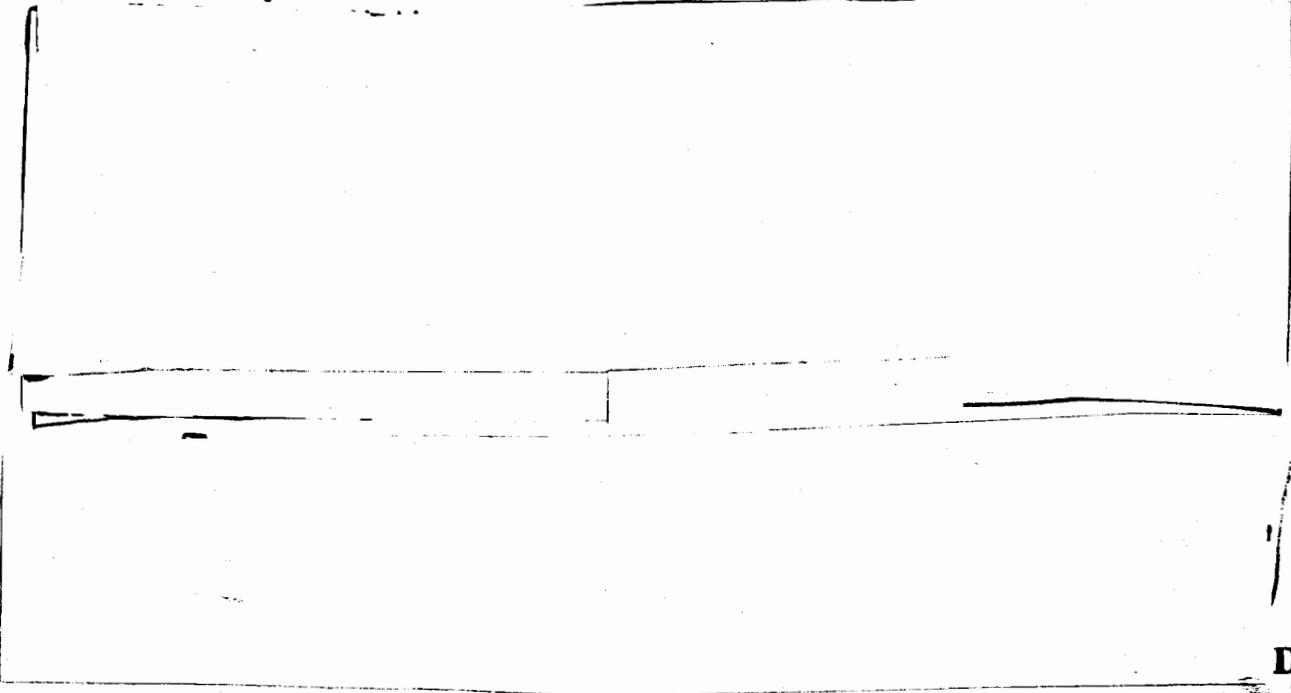
It was noted parenthetically that such a decision would probably allow one to revert to possibility (2) if it should appear very desirable.

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York reported that Fermi had raised objections to the previous estimates of the temperature at which the diaphragm in the X-ray tube would be heated by radiation. Fermi pointed out that the previous calculations had been performed as if the vertical wall of the tube were essentially non-existent.

In addition, at such a high temperature the walls would radiate and influence the surface temperature of the spot which is to be measured. Various schemes for eliminating this difficulty have been examined in a preliminary manner.

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A fit of approximately 10 mll was considered as probably both sufficient and feasible.

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*William de Hoffmann*  
Executive Secretary.

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