

M-151

## Mark IV Redesign Committee

## Minutes of Meeting No. 3

October 29, 1959

In attendance: F. Adams, B. Bunker, A. Crabtree, D. Edwards, D. Goerz,  
G. Loew, R. B. Neal, R. Sund, P. Zinder

The over-all drawing of the accelerator was laid out on the table and discussed. This design basically represented the modular idea of pumping, utilizing four 2-inch diffusion pumps rated at 115 liters per second in the entire system to provide the necessary high vacuum for the accelerator. The diffusion pumps would all be identical and similar to the ones that are now in use in Mark IV. The entire meeting was devoted to the discussion of the present ideas for the Mark IV redesign. Nothing definite was decided other than some small changes in regard to valve design. These changes were illustrated to the members of the Drafting Department that were present and those changes were put into effect on later drawings.

Briefly mentioned were the problems of degaussing, magnetic shielding, vacuum system and the valve to be put on top of the new trap that has been built by D. Goerz.

The time for the next meeting was scheduled to be November 5, Thursday, at 10:30 A.M.