

February 3, 1945

Messrs. Manley, Fermi, King, Anderson,
Williams
Samuel K. Allison

Mr. Manley reports to me that some difficulties have arisen in getting a single design of cadmium liner for the tamped 25 metal spheres when used with the water boiler beam. Although he is satisfied that he can put through the shop a design suitable for his own experiments, he advises me to notify Fermi, King, and Anderson that their experiments, particularly the ones in which the target is moved along the radius of a sphere, seem to him to be unworkable in the cadmium liners he is using.

I originally gave J. H. Williams the responsibility of looking after the orders for cadmium liners for the 25 spheres themselves as distinct from cadmium liners for the Tuballoy and WC tampers. It now seems that H. L. Anderson cannot use the liners which were originally ordered for the 25 spheres.

I recommend therefore that we give up the attempt to order cadmium liners of sufficient generality of design to satisfy every one, and that Anderson and King proceed to order liners suitable for their intended experiments. Of course I do not exclude the possibility of improvisation at the last moment, but this should only be done if the person doing the experiments is confident that it is quicker than ordering material made in advance.

dj

Samuel K. Allison

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LANL Classification Group

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L. M. Redman
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