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Mr. Norman Hillberry
Argonne National Laboratory
Lemont, Illinois

Dear Mr. Hillberry:

A new and urgent program of the Los Alamos Scientific Laboratory calls for the use of beryllium metal hemispheres. For a number of reasons, the metallurgical division of this Laboratory is not in a position to undertake the fabrication problem and meet the required completion dates for the hemispheres.

Mr. James Schumar of the Argonne metallurgical department was contacted by Mr. J. M. Taub of Los Alamos regarding the fabrication of four beryllium hemispheres. Mr. Schumar indicated that the pieces could be cast in one of the vacuum melting furnaces at Argonne and agreed to undertake the necessary casting work, if approved by the Argonne Management. Details such as dimensions, soundness, and radiographic inspection are to be worked out by Schumar and Taub as soon as the necessary drawings can be furnished by Los Alamos.

The purpose of this letter is to make a formal request to Argonne National Laboratory to undertake this specific beryllium casting job. The program in which the castings are to be used is an extremely important one, both to Los Alamos and to the A. E. C., and the time schedule does not permit an extensive development program to be undertaken by a commercial fabricator.

We will arrange for the metal to be used for this work.

Your cooperation in undertaking the above program will be greatly appreciated.

RESTRICTED DATA
This document contains restricted data as defined in the Atomic Energy Act of 1946. Its transmittal or the disclosure of its contents in any manner to an unauthorized person is prohibited.

Very truly yours,
Original Signed by
E. R. JETTE
E. R. Jette
CMR-Division Leader

NA - Hillberry - Nov 20 - Rec #78432

BRJ:vml
cc/Mr. James Schumar - 2A - Rec #78432 - Nov 20
J. M. Taub - 3A - Nov 20
E. R. Jette - 4A
Reading File - 5A - Nov 20
File (C. M. & R.) - 6A - Nov 20

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