

Dir ofc Files
470.1 BE
B9 D98

~~CONFIDENTIAL~~
~~SECURITY INFORMATION~~

413

FOR R. C. SMITH'S APPROVAL
October 1, 1953

ONLY RELEASABLE
to the Information Group
P. Lang, 8-5-98

CMR

H. S. ALLEN'S APPROVAL BEFORE DISPATCHING
RESTRICTED DATA

This document contains restricted data as defined by the Atomic Energy Act of 1946. It is not to be distributed outside the organization to which it is addressed.

Dr. N. W. Bass
Brush Beryllium Company
4301 Perkins Avenue
Cleveland 3, Ohio

Dear Dr. Bass:

We have studied the report by Dr. Beaver and his colleagues on the "Factors Relating to the Consistency of Mechanical Properties of Extruded Beryllium" with considerable care. We have also examined the Laboratory's program with regard to possible future needs for beryllium rod.

Considering the progress you have made in the manufacture of the rod, together with the changes taking place in the direction of our own work and thinking, we see no need for continuing the research and development program along the lines proposed in the above report. Stated in other terms, you can now make rod of the purity and quality which meets our requirements and, since developments here indicate that our applications for this kind of material are rapidly being eliminated, we see no need for finding out more about making it.

The report itself is a good one and you and your staff are to be complimented on the nice work which went into it. There are, of course, matters on which questions can be asked and there are some conclusions which I think are not as well supported as might be inferred from the statements given. There are, however, but few of these, considering the magnitude of the work done, and they would need discussion only if the research program were to be continued. There is one conclusion (No. 5 on page 97) on which we would like further information. You state that "cost control" and "production control" measures were set up. These measures as such are not specifically described in the report, although it might be possible for one "experienced in the art" to infer what they are from the data sheets for the fabrication operation. As you know, one of the hopes for the investigations at Brush and MIT was that they would result in one or more "recipes" for combinations of material, processing details, and extrusion details which would consistently produce metal rod of the desired quality. If you have any such "recipes", we would like to see them in written form.

In reply to a question raised in your letter of 24 August 1953, I believe the "Official Use Only" classification is sufficient.

CCRP ~~CONFIDENTIAL~~
~~SECURITY INFORMATION~~

VERIFIED UNCLASSIFIED

P. Lang 5-7-98

~~CONFIDENTIAL~~
~~SECRET~~

Dr. N. W. Bass

[2]

October 1, 1953

We have enjoyed working with you and your staff and hope that a similar opportunity will occur before long.

Sincerely,

Original Signed by
E. R. JETTE

E. R. Jette
CMR-Division Leader

ERJ:vwj

cc/B. L. Moore ✓

H. S. Allen ✓

Mail and Records (2) ✓ ~~M&R~~ Fil, M & R Reading Fil.

File

Orig - N. W. Bass ✓ Rec # 120656

~~CONFIDENTIAL~~
~~SECRET~~