



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
WILMINGTON, DELAWARE

EXPLOSIVES DEPARTMENT

NDN-07062

~~206-100~~
~~206-100~~
Reading File

PA.12-4

~~SECRET~~ October 2, 1944

Mr. C. M. Cooper
Metallurgical Laboratory
P. O. Box 5207
Chicago 80, Illinois

Dear Mr. Cooper:

PROJECT 9536 - HOT-ROLLED RODS - CARPENTER STEEL COMPANY

It is noted in MUC-ABO 272 that in general the quality of the rod samples submitted from the experimental rolling at Carpenter Steel Company was found to be not as good as the material rolled at Joslyn. It is probable that these samples did not represent the quality of the rods, because a report has been received from the plant on inspection of the slugs machined from the Carpenter rods which does not substantiate the conclusions in the referred memorandum.

The slugs made from the Carpenter rolled rods were inspected for surface defects after pickling, and 90% were found to be free of surface defects. Of the balance, only two slugs contained surface defects more than 1/2" long. All slugs were considered suitable for canning. The yield of acceptable slugs was 71.5%, which is about the same as the yield of slugs from extruded rods. There were 231 slugs in the lot.

Very truly yours,

MANUFACTURING DIVISION
R. F. PETERSON

BY W. R. RUEY

WRH/jb

CLASSIFICATION CHANGED
TO: NOT CLASSIFIED
Authority of: USAEC
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~~SECRET~~

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