

DECLASSIFIED

GER-14,734

no- 6.199

*goc*  
*M.*

Route List

- 1. ~~W. K. Woods~~
- 2. ~~W. K. Woods~~
- 3. ~~J. H. ...~~
- 4. ~~...~~
- 5. ~~...~~

FILE \_\_\_\_\_

DATE 5-23-49

SUBJECT Re: Experimental "FM" Rm

TO W. K. Woods

FROM R. L. Mansfield

COPY No. [redacted]

BEFORE READING THIS DOCUMENT, SIGN AND DATE BELOW:

*W. K. Woods 6-2-49*

*J. H. ... 6-3-49*

*(Current Security Procedure)*

*W. K. Woods 6-29-49*

APPROVED FOR  
PUBLIC RELEASE

DJ Brown  
7-30-02

Classification Cancelled and Changed To

**DECLASSIFIED**

By Authority of DOC  
MAY 1973

SPECIAL RE-REVIEW  
FINAL DETERMINATION  
DECLASSIFICATION CONFIRMED  
BY J. P. Derouin DATE 2-19-82

*QZ Savely 4-3-03*  
*M. Shure 4/30/03*

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MAR 10 1982

DOCUMENT AUDIT AND  
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GEN-4, 754

This document consists of  
1 pages No. 1 of

NATIONAL CARBON COMPANY, INC.

MORGANTON WORKS

MORGANTON, N. C.

May 23, 1949

Dr. W. K. Woods (2)  
General Electric Company  
Hanford Works  
Richland, Washington

Re: Experimental "F" Run  
CC: Dr. J. M. West  
Mr. V. C. Hamister

~~CAUTION  
This Document contains information affecting the national  
defense within the meaning of the espionage laws, Title 18, U.S.C.,  
Section 793, and the laws prohibiting the unauthorized disclosure of  
classified information, Title 50, U.S.C., Section 2382, and the  
applicable Federal Law.~~

Dear Dr. Woods:

In accordance with Dr. J. M. West's request to Mr. V. C. Hamister, we have now made an "F" processing run in which the introduction of F-12 was begun at 6000 KHE instead of the normal point of 10100 KHE. The purpose of this was to determine at what temperature the fluorine will attack the graphite. In this run, 6BF 1516X, the standard 290 pounds of F-12 was used and spread over the resulting longer period. Because of the reduction in the CCL<sub>4</sub> period, a smaller quantity, 92 pounds, of CCL<sub>4</sub> was introduced into the furnace.

Twelve samples from this run were shipped May 19, 1949 by express on Waybill No. 92-35-44. The two boxes were marked OOT 10630-9.

There was no noticeable attack of fluorine on the bars from this run. In discussing the matter with Mr. Hamister, it was agreed to run two additional runs in which the F-12 was introduced at 7000 and 6000 KHE so that progressively lower temperatures would be tested. These runs have now been made, and the samples will be shipped in the near future.

Yours very truly,  
NATIONAL CARBON CO., INC.  
*R. L. Mansfield*  
R. L. Mansfield,  
Head of Works Laboratory

RLM/bc

~~SECRET~~

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