

DATE 11/1/65 INIT. [Signature]

# MONSANTO RESEARCH CORPORATION

MOUND LABORATORY MIAMISBURG, OHIO

U. S. GOVERNMENT CONTRACT NO AT-33-1-GEN 53

January 26, 1965

AREA CODE 513  
866-3311

MOUND LABORATORY-MONSANTO  
Cent at File No. 65-1-466

*5-AVA-65 Blank*

Released through the  
MOUND LSDR PROJECT  
(funded through DOE's OPENNESS INITIATIVE)  
Record Copy held at Mound Facility

Mr. W. B. Creamer, Area Manager  
U. S. Atomic Energy Commission  
Post Office Box 66  
Miamisburg, Ohio

Attention Mr. E. A. Walker

Dear Mr. Creamer:

Enriched Uranium Scrap Solution

Form AEC-458, No. 5-AVA-65, pertaining to the subject scrap, is forwarded under separate cover for transmittal in accordance with the distribution requested by ALOO.

This solution was generated in the Research Department, Calorimetry and Devices Section, under the direction of B. C. Blanke, where it was used to decontaminate tritium-contaminated enriched uranium parts prior to shipment. The uranium in the solution was the result of the action of the nitric acid on the metal. Although the solution is highly contaminated with tritium, the latter material is present in less than accountable quantities.

Since this scrap wash solution is tritium contaminated and contains a total of only 50 grams of U-235 at a low concentration level (less than 1 gram per liter), recovery is not considered to be feasible at Mound or, as far as we can determine, at any other facility.

It is therefore requested that Mound be authorized to dispose of this material by approved procedures applicable to radioactive solutions and to write-off the SS content as a Normal Operational Loss (NOL).

*[Handwritten signature]*

GROUP 1  
... automatic  
declassification

*[Handwritten signature]*

MOUND DECLASSIFICATION REVIEW	
DATE	5/20/77
BY	[Signature]
REVISION DATE	8/24/94
AUTHORITY	[Signature]
NAME	[Signature]
DETERMINATION	
1 CLASSIFICATION	
2 CLASSIFICATION	
3 CONTAINS NO DCI	
4 COORDINATE	
5 CLASSIFICATION	
6 CLASSIFIED INFO	
7 OTHER (SPECIFY)	

~~SECRET~~

Mr. W. B. Creamer

-2-

January 26, 1965

Your assistance in obtaining an AEC evaluation of this scrap will be appreciated.

Very truly yours,



M. N. Wolfe  
SS Representative .

MNW:ba

DISTRIBUTION: Copy 1. Mr. W. B. Creamer for ALOO  
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~~SECRET~~