

~~SECRET~~  
DATE 4/26/65 INIT [initials]

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April 6, 1965

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MOUND LSDR PROJECT  
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THIS DOCUMENT CONSIST OF 5 PAGES  
THIS IS COPY 2 OF 9, SERIES A.

Mr. R. E. Thompson  
Isotopes Sales Department  
Isotopes Development Center  
Oak Ridge National Laboratory  
Post Office Box 7  
Oak Ridge, Tennessee 37831

Dear Mr. Thompson:

The letter dated March 18, 1965, which you wrote to Mr. K. H. Sun at Westinghouse is classified since the mere association of Li<sup>6</sup>DT with Mound Laboratory is ~~secret-restricted~~ data. Mound cannot ship this material except to cleared AEC sites. This, of course, makes it extremely difficult, if not impossible, to write Mr. Sun as suggested in your letter.

I believe that it will be simpler for you to rewrite Westinghouse as though your previous letter was merely a simple error. In this case, there are two courses of action (see sample letters attached); you can refer Mr. Sun to New England Nuclear Corporation which offers a service of preparing unusual tritium-containing compounds (see Attachment A), or you can leave the door open for the material to be supplied by ORNL (see Attachment B).

If you refer Mr. Sun to New England Nuclear, they will probably be unable to obtain the material, but if the door is left open for ORNL, then Mound can probably prepare the material, ship it to ORNL as SRD, and ORNL can ship to Westinghouse on an unclassified basis.

CLASSIFICATION REVIEW	
1. CLASSIFICATION	2. CLASSIFICATION CHANGED TO
3. CONTAINS NO DOE CLASSIFIED INFO	4. COORDINATE WITH
5. CLASSIFICATION CANCELLED	6. CLASSIFIED INFO BRACKETED
7. OTHER COMMENTS	
DATE: 6/27/79	BY: [signature]
NAME: [signature]	2ND REVIEW DATE: 7/29/79
AUTHOR: [signature]	NAME: [signature]

GROUP 1

Excluded from automatic  
downgrading and  
declassification

RESTRICTED DATA

This document contains restricted data as defined in the Atomic Energy Act of 1954. It is prohibited to disclose its contents in any manner to an unauthorized person is prohibited.

~~SECRET~~

Mr. R. E. Thompson

- 2 -

April 6, 1965

We shipped about two grams of LiT to ORNL near the end of 1963. The details of this shipment, order number IC-2719, are contained in Mr. H. P. Stringfield's file at ORNL as two letters from me to him, dated September 20, 1963, and October 13, 1963, documented SRD as MLM-CF-63-9-316 and MLM-CF-63-10-312, respectively. You can base your cost estimate and analytical data on that shipment.

In either event, the wording of your letter to Mr. Sun is very important and we must be careful that we give Mr. Sun no indication that ~~secret-restricted~~ data has been compromised.

While your letter to Mr. Sun is classified, we do not want you to attempt recall of the letter and thus call attention to the incident. We are handling my copy of your letter to Mr. Sun as SRD and suggest that you reduce your internal copies to a minimum and give them appropriate protection.

While your next letter to Mr. Sun should be unclassified and should show a copy to me, please send my copy through classified channels in such a way that Mr. Sun and any other uncleared holder of a copy will be unable to know.

Our Technical Coordinator, Dr. John F. Eichelberger, has contacted Robert C. Dreyer, in the absence of Dr. D. B. Woodbridge, at Y-12. Dr. Woodbridge will contact you describing the classification problems that exist. I suggest that you discuss your letter to Mr. Sun with Dr. Woodbridge before mailing. In order to not arouse Mr. Sun's curiosity, the time lag should be held to a minimum.

*SECRET*

Mr. R. E. Thompson

- 3 -

April 6, 1965

It is indeed unfortunate that this problem has arisen and if I can be of any further assistance, please let me know. If an order is placed with Mound and more specific information is required, please contact Dr. F. D. Lonadier since this material is now handled in his section.

Very truly yours,

Original Signed by  
WALTER J. HAUBACH

Walter J. Haubach, Manager  
Isotope Separation Section  
Research Department

WJH:baj

Attachments: 2

**DISTRIBUTION:**

- Copy 1 - R. E. Thompson, ORNL
- Copy 2 - D. B. Woodbridge, ORNL
- Copy 3 - D. L. Scott
- Copy 4 - J. F. Eichelberger
- Copy 5 - J. F. Eichelberger
- Copy 6 - J. F. Eichelberger
- Copy 7 - G. R. Grove
- Copy 8 - F. D. Lonadier
- Copy 9 - W. J. Haubach

*SECRET*

~~CONFIDENTIAL~~

ATTACHMENT A

Mr. K. H. Sun, Manager  
Redistion and Nucleonics Laboratory  
Westinghouse Electric Corporation  
Research and Development Center  
Pittsburgh, Pennsylvania 15235

Dear Mr. Sun:

I referred you to an incorrect source in my letter of March 18, 1965, to obtain the Li<sup>6</sup>DT which you requested in your letter of March 16, 1965.

It may be possible for you to obtain the material from the New England Nuclear Corporation since they mention in "The Isotope Index, 1963-1964," dated July 1963, on page 289, that they welcome inquiries on the preparation of tritiated compounds not listed therein.

I would therefore suggest that you contact Mr. Paul McNulty or Mr. Robert Clow at

New England Nuclear Corporation  
575 Albany Street  
Boston 18, Massachusetts

If I can be of any further service, please let me know.

Very truly yours,

R. E. Thompson  
Isotopes Sales Department  
Isotopes Development Center

RET:

cc: Dr. Walter J. Haubach

ATTACHMENT A

~~CONFIDENTIAL~~

ATTACHMENT B

Mr. K. H. Sun, Manager  
Radiation and Nuclonics Laboratory  
Westinghouse Electric Corporation  
Research and Development Center  
Pittsburgh, Pennsylvania 15235

Dear Mr. Sun:

During further discussions with our laboratory personnel, I now find that it is possible for us to supply the  $\text{Li}^6\text{DT}$  requested in your letter dated March 16, 1963.

We will be able to furnish  $\text{Li}^6\text{DT}$  of the following specifications, \_\_\_\_\_ at a cost of \$ \_\_\_\_\_ per milligram. The delivery of this material would be within three weeks after receipt of your purchase order.

I hope this will enable you to complete your purchase order and if you require further information, please let us know.

Very truly yours,

R. E. Thompson  
Isotopes Sales Department  
Isotopes Development Center

RET:

cc: Dr. Walter J. Haubach

ATTACHMENT B

