

CERTIFICATE OF DISPOSITION OF MATERIALS

(All items MUST be completed, please print)

LICENSEE NAME AND ADDRESS The University of Toledo 2801 W. Bancroft Street Toledo, OH 43606	LICENSE NUMBER SNM-915
	LICENSE EXPIRATION DATE 5-25-85

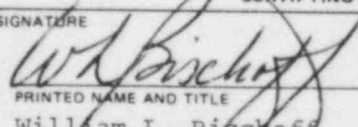
THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT: (Check and/or complete the appropriate item(s) below.)

A. MATERIALS DATA (Check one and complete, as necessary)

<input type="checkbox"/>	1. NO MATERIALS HAVE EVER BEEN POSSESSED OR PROCURED BY THE LICENSEE UNDER THIS LICENSE.	
OR		
<input checked="" type="checkbox"/>	2. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON	
DATE August 4, 1982	TO <u>Los Alamos National Laboratory</u> (DOE/NRC Form 741 Attached)	WHICH HAS NRC LICENSE NUMBER
OR		
<input type="checkbox"/>	3. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON	
DATE	TO	WHICH HAS LICENSE NUMBER
	ISSUED BY THE STATE OF	
OR		
<input type="checkbox"/>	4. MATERIALS HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (Describe specific disposal procedures—if additional space is needed, use the reverse of this form, or provide attachments)	

B. OTHER DATA

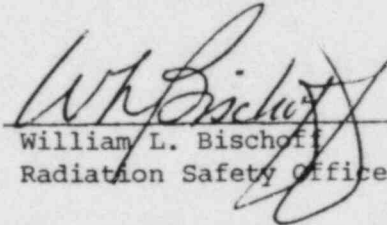
<input checked="" type="checkbox"/>	1. OUR LICENSE HAS NOT YET EXPIRED; PLEASE TERMINATE IT.
<input type="checkbox"/>	2. WAS A RADIATION SURVEY CONDUCTED TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE? (Check one)
<input type="checkbox"/>	NO
<input checked="" type="checkbox"/>	YES, THE RESULTS (Check one)
<input checked="" type="checkbox"/>	ARE ATTACHED, OR
<input type="checkbox"/>	WERE FORWARDED TO NRC ON (Date)
3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM	
NAME	TELEPHONE NUMBER
William L. Bischoff, Radiation Safety Officer	419-537-2065
4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO	
William L. Bischoff, Radiation Safety Officer	
c/o Department of Biology - University of Toledo - Toledo, Ohio 43606	

RETURN TO: DIRECTOR, DIVISION OF FUEL CYCLE AND MATERIAL SAFETY OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555 8506040134 850514 REG3 LIC70 SNM-0915	CERTIFYING OFFICIAL SIGNATURE  PRINTED NAME AND TITLE William L. Bischoff Radiation Safety Officer DATE 5/3/85
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PDR

Certification

A radiation survey of Engineering Sciences Room 1002 was performed on August 4, 1982 with the Eberline survey meter and our portable neutron monitor. Radiation levels in all areas surveyed were at or below background values of approximately 52 CPM. All radioactive materials have been removed from the premises and there is no evidence of residual contamination.



William L. Bischoff
Radiation Safety Officer

The University of Toledo



March 23, 1982

2801 W. Bancroft Street
Toledo, Ohio 43606

College of Arts and Sciences
Department of Physics and Astronomy
(419) 537-2241

U.S. Department of Energy
Savannah River Operations Office
Attn: L.C. Sjostrom, Tech. & Prod. Div.
P. O. Box A
Aiken, SC 29801

(208) 450-7621
2295 *or Gunnar at 3778*

Gentlemen:

As per my phone conversation with Kathy Wolf on Friday, March 19, 1982 I am enclosing the information that she requested regarding the Plutonium-Beryllium neutron sources that are presently in our possession.

We have five (5) PuBe neutron sources that are owned by the D.O.E. (formerly the U.S.A.E.C.) each of which contains 16 gms of Plutonium. These sources were manufactured by Monsanto Research Corporation at Mound Laboratory for the A.E.C. back in 1957, at which point they were loaned to us by the A.E.C. under License #CSA-3839 for use in a sub-critical assembly. The serial numbers of the sources are M-123, M-124, M-125, M-126 and M-127.

During the Winter quarter of this year the sub-critical assembly was phased out of our nuclear physics program and therefore dismantled. Since this assembly no longer exists, there is no further need for the PuBe sources, and therefore we are sending you this information so that we may properly dispose of the neutron sources and eliminate any possible health hazard associated with their possession.

The sources have been carefully wipe tested and visually inspected as per D.O.E. regulations and no leakage has been detected.

The above information will enable you to begin the disposal procedure and I am looking forward to hearing from you.

Sincerely,

Neal A. Schaffel
Laboratory Supervisor
Department of
Physics and Astronomy

NAS/pat

Blind Copy - A. Schaffel

U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION
NUCLEAR MATERIAL TRANSACTION REPORT038-R0478
Approved by GAO,
B-180225 (R0040)
Expires 6-30-83

1. SHIPPER'S RIS (1-4)	2. RECEIVER'S RIS (1-5)	3. TRANSACTION NO. (1-14)	4. CORRECTION NO. (1-14)	5. PROCESSING CODE (1-14)	6. RESERVED (1-17)	7. ACTION CODE (1-18)	8. DATA CODE (1-19)	DOCUMENTATION (Only if document is classified SECRET)			
ZWB	AUA	1		SHIPPER A RECEIVER		SHIPPER A RECEIVER		PAGE	OF	PAGES	
9. A. NAME AND ADDRESS OF SHIPPER The University of Toledo Dept. of Physics & Astronomy 2801 W. Bancroft St. Toledo, OH 43606 C. ATTENTION: Neal A. Schaffel D. TELEPHONE: (419) 537-2241								10. A. NAME AND ADDRESS OF RECEIVER Los Alamos National Laboratory Mail Station 5000, P. O. Box 1663 Los Alamos, NM 87545 C. ATTENTION: V. A. Bond/E. L. Christensen D. TELEPHONE: (505) 667-5886		11. NO. OF DATA LINES (120-21) 05	
12. NATURE OF TRANSACTION (1-22) S								13. A. SHIPPED FOR ACCOUNT OF B. RIS (123-28) ZWB		14. A. SHIPPED TO ACCOUNT OF B. RIS (123-30)	
15. TRANSFER AUTHORITY: CONTRACT, NM DRAFT, OR ORDER NUMBER (124-50) Letter Sjostrom to Schaffel dated May 17, 1982								16. EXPORT OR IMPORT TRANSFERS: A. LICENSE NO. (122-31) B. U.S. PORT EXIT/ENTRY (122-35)		17. MATERIAL TYPE AND DESCRIPTION 5 Pu-Be neutron sources donated to DOE for recovery.	
18. TRANSPORTATION PROFILE								19. PACKAGE IDENTIFICATION		20. ACTION DATE	
A. CARRIER IDENTIFICATION								B. NUMBER		MONTH DAY YEAR	
1. 3136-381								4122-281		A. SHIPMENT	
2. 3145-481								4123-281		B. SHIPPER'S CORRECTION	
3. 3154-571								4138-381		C. RECEIPT	
4. 3163-661								4143-481		D. RECEIVER'S MEASUREMENT	
5. 3172-751								4150-531		E. RECEIVER'S CORRECTION	
21. A. MISCELLANEOUS								22. TOTAL GROSS WEIGHT (457-66)		23. TOTAL VOLUME (Where Transfery Only) (457-75)	

LINE NO. (20-21)	TYPE OF CHARGE (2-3)	IDENTIFICATION (BATCH NAME) (2-24-38) C	NO. OF ITEMS (2-40-43) G	PROJECT NUMBER (2-44-53) E	DATE (2-54-55) F	COMP. FACILITY CODE (2-55-56) G	PROD. CODE (2-56-57) H	COUNTRY CONTROL NUMBER (2-57-58) I	KEY MEAS. POINT (2-59-60) K	MEAS. IDENT. (2-61-62) L			GROSS WEIGHT (2-63-64) M	NET WEIGHT (2-65-66) N	ELEMENT WEIGHT (2-67-68) O	ELEMENT LIMIT OF ERROR (2-69-70) P	WEIGHT % ISOTOPE (2-71-72) Q	ISOTOPE WEIGHT (2-73-74) R	ISOTOPE LIMIT OF ERROR (2-75-76) S
										1 (2-61-62) K	2 (2-61-62) L	3 (2-61-62) M							
01		M123	1		50	781	J	USUSUS00							16.00		7.00	15.00	
02		M124	1		50	781	J	USUSUS00							16.00		7.00	15.00	
03		M125	1		50	781	J	USUSUS00							16.00		7.00	15.00	
04		M126	1		50	781	J	USUSUS00							16.00		7.00	15.00	
05		M127	1		50	781	J	USUSUS00							16.00		7.00	15.00	

24. SHIPPER'S DATA

SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED (See instructions for preparing reporting confidentiality)

R.A. Bohn 8/4/82

25. RECEIVER'S DATA

SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED (See instructions for preparing reporting confidentiality)