

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 31, 32, 33, 34, 35, 36, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s), and to import such byproduct and source material. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Lindsay Wire Weaving Company K-7	3. License number 34-20211-01	
2. 6151 Wilson Mills Road-Suite 200 Cleveland, Ohio 44143	4. Expiration date March 31, 1987	
	5. Docket or Reference No. 03018101	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Carbon-14	A. Sealed source as polymethyl- methacrylate sheet (Amersham Corporation Model Number CFP.22).	A. One source not to exceed 600 microcuries per gram.

9. Authorized use
- A. To be used for beta radiography of paper to measure formation and wire mark.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities at 6151 Wilson Mills Road - Suite 200, Cleveland, Ohio 44143.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision of, Ellsworth H. Shriver or Gary L. Sutphin.
13. A. (1) Each sealed source containing licensed material, other than hydrogen 3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.

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- (2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
 - (3) The periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer.
- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.
- C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within five (5) days of the test with the U. S. Nuclear Regulatory Commission, Region III, Office of Inspection and Enforcement, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, describing the equipment involved, the test results, and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by Amersham Corporation or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
14. Sealed sources containing licensed material shall not be opened.
 15. The licensee shall not use licensed material in or on human beings or in field applications where activity is released except as provided otherwise by specific condition of this license.
 16. Duties of the licensee's Radiation Protection Officer shall include ensuring that periodic leak tests of sealed sources are conducted as required by the license, sealed sources are only used by authorized users, and the terms and conditions of the license are met and all required records maintained.
 17. Individuals whose duties may require them to work in the vicinity of licensed material shall be informed about radiation hazards and appropriate precautions at the time of initial employment and at least annually thereafter.

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SUPPLEMENTARY SHEET

License number:

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18. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6., 7., and 8. of this license in accordance with statements, representations, and procedures contained in application dated August 31, 1981. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.
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For the U.S. Nuclear Regulatory Commission

ORIGINAL SIGNATURE

Bruce E. Millitt

Date MAR 3 1982

By Material Licensing Branch

Division of Fuel Cycle and
Material Safety
Washington, D.C. 20555

Termination MATERIALS DATA INPUT - INDUSTRIAL, MEDICAL, SOURCE/SPECIAL NUCLEAR

A. TYPE OF ACTION AND IDENTIFICATION CODES

NEW LICENSE	AMENDMENT TO RENEW LICENSE	5	AMENDMENT TO TERMINATE	VOID	DUCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME ADDRESS
NEW LICENSE AND NEW LICENSEE	OTHER AMENDMENT		CLERICAL CHANGE NO AMENDMENT	5	030-18101	77621	XX

B. INDICATIVE INFORMATION

INDIVIDUAL LICENSEES	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
ORGANIZATION LICENSEES	ORGANIZATION NAME (Alphabetic Sequence) Lindsay Wire Weaving Co. DEPARTMENT OR BUREAU				
ADDRESS	BUILDING, STREET 220 Price Street	CITY Florence	STATE MS	ZIP CODE 39073	
TYPE OF APPLICANT	US GOVERNMENT AGENCY	DATE REQUEST RECEIVED	INSTITUTION CODE	PENDING PROG. CODE	ACTUAL PROG. CODE
	INDIVIDUAL LICENSEE	88/ 10/9/84	20211		
	ORGANIZATIONAL LICENSEE				
SECONDARY PROGRAM CODES (As required)					
#1		#2	#3	#4	#5
LICENSE NUMBER 34-20211-01		DATE LICENSE ISSUED OR ACTION COMPLETED		EXPIRATION DATE	

C. STATISTICAL INFORMATION

MEDICAL CATEGORY	FOR HUMAN USE ONLY	FOR HUMAN AND NONHUMAN USE	FOR NONHUMAN USE ONLY			
POSSESSION OF THE MATERIAL IS AUTHORIZED IN ONE OF THE FOLLOWING AREAS						
AND/OR IN THE STATE(S), TERRITORY(IES), COUNTRY CHECKED (At right)	SAME AS STATE IN ADDRESS		ALL STATES		ALL NON AGREEMENT STATES	
	AL ALABAMA	GA GEORGIA	MD MARYLAND	NJ NEW JERSEY	SC SOUTH CAROLINA	WY WYOMING
	AK ALASKA	HI HAWAII	MA MASSACHUSETTS	NM NEW MEXICO	SD SOUTH DAKOTA	
	AZ ARIZONA	ID IDAHO	MI MICHIGAN	NY NEW YORK	TN TENNESSEE	AS AMERICAN SOMOA
	AR ARKANSAS	IL ILLINOIS	MN MINNESOTA	NC NORTH CAROLINA	TX TEXAS	CZ CANAL ZONE
	CA CALIFORNIA	IN INDIANA	MS MISSISSIPPI	ND NORTH DAKOTA	UT UTAH	GU GUAM
	CO COLORADO	IA IOWA	MO MISSOURI	OH OHIO	VT VERMONT	PR PUERTO RICO
	CT CONNECTICUT	KS KANSAS	MT MONTANA	OK OKLAHOMA	VA VIRGINIA	VI VIRGIN ISLANDS
	DE DELAWARE	KY KENTUCKY	NE NEBRASKA	OR OREGON	WA WASHINGTON	
	DC WASHINGTON DC	LA LOUISIANA	NV NEVADA	PA PENNSYLVANIA	WV WEST VIRGINIA	CN CANADA
	FL FLORIDA	ME MAINE	NH NEW HAMPSHIRE	RI RHODE ISLAND	WI WISCONSIN	

D. POSSESSION LIMITS OF SOURCE AND SPECIAL NUCLEAR MATERIALS AND TRITIUM

SOURCE MATERIAL CEILING	G GRAMS	SNM CEILING	G GRAMS	IF FOR POWER REACTOR					
	Kg KILOGRAMS		Kg KILOGRAMS	("X" here)					
MATERIAL	AMOUNT	UNIT	CONFIG	ENRICH	MATERIAL	AMOUNT	UNIT	CONFIG	ENRICH
U-235		G	S		U-235		G	S	
		Kg	UNS				Kg	UNS	
U-233		G	S		U-233		G	S	
		Kg	UNS				Kg	UNS	
Plutonium		G	S		Plutonium		G	S	
		Kg	UNS				Kg	UNS	
Uranium		G	S		Uranium		G	S	
		Kg	UNS				Kg	UNS	
Thorium		G	S		Thorium		G	S	
		Kg	UNS				Kg	UNS	
		G	S				G	S	
		Kg	UNS				Kg	UNS	
		G	S				G	S	
		Kg	UNS				Kg	UNS	
CURIES					KVS CODES				
MILLICURIES									