

Form AEC-313 8-64 10 CFR 30	UNITED STATES ATOMIC ENERGY COMMISSION APPLICATION FOR BYPRODUCT MATERIAL LICENSE	Form approved Budget Bureau No. 38-00027
<p>INSTRUCTIONS - Complete Items 1 through 16 if this is an initial application or an application for renewal of a license. Information contained in previous applications filed with the Commission with respect to Items 8 through 15 may be incorporated by reference provided references are clear and specific. Use supplemental sheets where necessary. Item 16 must be completed on all applications. Mail two copies to: U.S. Atomic Energy Commission, Washington, D.C., 20545, Attention: Isotopes Branch, Division of Materials Licensing. Upon approval of this application, the applicant will receive an AEC Byproduct Material License. An AEC Byproduct Material License is issued in accordance with the general requirements contained in Title 10, Code of Federal Regulations, Part 30, and the Licensee is subject to Title 10, Code of Federal Regulations, Part 20.</p>		
1 (a) NAME AND STREET ADDRESS OF APPLICANT (Institution, firm, hospital, person, etc. Include ZIP Code.)		(b) STREET ADDRESS(ES) AT WHICH BYPRODUCT MATERIAL WILL BE USED (If different from 1 (a) Include ZIP Code.)
St. Louis Testing Laboratories, Inc. 2810 Clark Avenue St. Louis, Missouri 63103		
2 DEPARTMENT TO USE BYPRODUCT MATERIAL Non-Destructive Testing		3 PREVIOUS LICENSE NUMBER(S) (If this is an application for renewal of a license, please indicate and give number.) <div style="display: flex; justify-content: space-between;"> License Number 24-00188-03 Amendment No. 1 </div>
4 INDIVIDUAL USER(S) (Name and title of individual(s) who will use or directly supervise use of byproduct material. Give training and experience in Items 8 and 9.) Refer to License Number 24-00188-03 Item No. 12		5 RADIATION PROTECTION OFFICER (Name of person designated as radiation protection officer if other than individual user. Attach resume of his training and experience as in Items 8 and 9.) Refer to License Number 24-00188-03
6 (a) BYPRODUCT MATERIAL (Elements and mass number of each) Iridium 192 Cobalt 60	(b) CHEMICAL AND OR PHYSICAL FORM AND MAXIMUM NUMBER OF MILLICURIES OF EACH CHEMICAL AND OR PHYSICAL FORM THAT YOU WILL POSSESS AT ANY ONE TIME (If sealed source(s), also state name of manufacturer, model number, number of sources and maximum activity per source.) Refer to License Number 24-00188-03 Item No. 7	
7 DESCRIBE PURPOSE FOR WHICH BYPRODUCT MATERIAL WILL BE USED. (If byproduct material is for human use, supplement A (Form AEC-313a) must be completed in lieu of this item. If byproduct material is in the form of a sealed source, include the make and model number of the storage container and/or device in which the source will be stored and/or used.) Refer to License Number 24-00188-03 Item No. 9		

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REGULATORY OPERATIONS

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TRAINING AND EXPERIENCE OF EACH INDIVIDUAL NAMED IN ITEM 4 (Use supplemental sheets if necessary)

8. TYPE OF TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB (Circle answer)	FORMAL COURSE (Circle answer)
a. Principles and practices of radiation protection			Yes No	Yes No
b. Radioactivity measurement standardization and monitoring techniques and instruments	Refer to License No. 24-00188-02		Yes No	Yes No
c. Mathematics and calculations basic to the use and measurement of radioactivity			Yes No	Yes No
d. Biological effects of radiation			Yes No	Yes No

9. EXPERIENCE WITH RADIATION (Actual use of radionuclides or equivalent experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
		Refer to License No. 24-00188-02		

10. RADIATION DETECTION INSTRUMENTS (Use supplemental sheets if necessary)

TYPE OF INSTRUMENTS (Include make and model number of each)	NUMBER AVAILABLE	RADIATION DETECTED	SENSITIVITY RANGE (mr/hr)	WINDOW THICKNESS (mg/cm ²)	USE (Monitoring, surveying, measuring)
					Refer to License No. 24-00188-02

11. METHOD, FREQUENCY, AND STANDARDS USED IN CALIBRATING INSTRUMENTS LISTED ABOVE.

Refer to License No. 24-00188-02

12. FILM BADGES, DOSIMETERS, AND BIO-ASSAY PROCEDURES USED. (For film badges, specify method of calibrating and processing, or name of supplier.)

Refer to License No. 24-00188-02

INFORMATION TO BE SUBMITTED ON ADDITIONAL SHEETS IN DUPLICATE

13. FACILITIES AND EQUIPMENT. Describe laboratory facilities and remote handling equipment, storage containers, shielding, fume hoods, etc. Explanatory sketch of facility is attached. (Circle answer) Yes No	Refer to License No. 24-00188-02
14. RADIATION PROTECTION PROGRAM. Describe the radiation protection program including control measures. If application covers sealed sources, submit leak testing procedures where applicable, name, training, and experience of person to perform leak tests, and arrangements for performing initial radiation survey, servicing, maintenance and repair of the source.	Refer to License No. 24-00188-02
15. WASTE DISPOSAL. If a commercial waste disposal service is employed, specify name of company. Otherwise, submit detailed description of methods which will be used for disposing of radioactive wastes and estimates of the type and amount of activity involved.	Returned to supplier

CERTIFICATE (This item must be completed by applicant)

16. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE APPLICANT NAMED IN ITEM 1, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PART 30, AND THAT ALL INFORMATION CONTAINED HEREIN, INCLUDING ANY SUPPLEMENTS ATTACHED HERETO, IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF.	
Date <u>February 5, 1974</u>	<p>St. Louis Testing Laboratories, Inc.</p> <p>Applicant named in item 1</p> <p>By: <u>C. D. Fowler</u></p> <p>President</p> <p>Title of certifying official</p>

WARNING.—18 U. S. C., Section 1001; Act of June 25, 1948; 62 Stat. 749; makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

Supplementary Sheet

License Number 24-00163-03

Amendment No. 02

St. Louis Test Laboratories, Inc.
2017 South Avenue
St. Louis, Missouri 63103

In accordance with application dated February 5, 1974, License Number 24-00163-03 is amended as follows:

The expiration date in Item 4 is changed to February 28, 1979.

Date February 27, 1974

For the U. S. Atomic Energy Commission
Signed By
Robert E. Erickman
by Materials Branch
Directorate of Licensing
Washington, D. C. 20545

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MATERIALS DATA INPUT

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INDUSTRIAL BYPRODUCT
REFERENCE COPY

DOCKET NUMBER 030-05065		MAIL CONTROL NO. 45181	DATE REQUEST REC'D 02/13/74	PROGRAM CODE PRIMARY	
SECONDARY PROGRAM CODES:					
#1	#2	#3	#4	#5	
INDIVIDUAL LICENSEE	NAME		NAME		
	NAME		NAME		
	NAME		NAME		
ORGANIZATION LICENSEE	ORGANIZATION NAME St. Louis Testing Laboratories Inc.		TYPE OF ORGANIZATION		
	DEPARTMENT OR BUREAU		U. S. GOVERNMENT AGENCY EDUCATIONAL INSTITUTION MEDICAL INSTITUTION <input checked="" type="checkbox"/> INDUST OTHER		
ADDRESS BUILDING, STREET 2810 Clark Avenue		CITY St. Louis		STATE MO	ZIP CODE
BYPRODUCT		CHEMICAL OR PHYSICAL FORM			POSSESSION LIMIT
		<i>MAT</i> <i>expired February 28, 1979</i>			

MAIL TO:

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DATE MAILED

REVIEWER

FGH 2/12/76

DATE COMPLETED



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SSINS: 6100
TERA

JUL 20 1981

MEMORANDUM FOR: Vandy L. Miller, Chief, Material Licensing Branch, NMSS

FROM: A. W. Grella, Chief, Fuel Cycle & Materials Safety Section
RSB:IE

SUBJECT: EXPIRED LICENSES

The enclosed documents concerning expired licenses are sent for your action.
Sufficient information is provided for you to retire the licenses.

A. W. Grella
A. W. Grella, Chief
Fuel Cycle & Materials
Safety Section, RSB:IE

Enclosures:

Documents concerning expired licenses for:

1. Department of the Army
LN 08-9477-01
2. St. Louis Testing Laboratories, Inc.
LN 24-00188-03
3. Douglas County Jarman Memorial Hospital
LN 12-16716-01
4. Hoerner Waldorf Corp.
LN 22-00319-04
5. Pori, Inc.
LN 34-16555-01
6. Indiana State University
LN 13-16903-01
7. Dayton Tire & Rubber Company
LN 34-139828-01
8. Evans Products Company
LN 48-13588-01
9. Polyscience Corp.
LN 12-16746-01
10. John Marshall High School
LN 22-15343-01
11. Gibson Community Hospital
LN 12-16728-01
12. Southern Illinois Asphalt Company Inc.
LN 12-16898-01
13. Grant Hospital of Chicago
LN SNM-1616
14. Pharmatopes, Inc
LN 34-16654-02G

CONTACT: C. Yaczko
49-24973

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