

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 I, Parts 30, 31, 32, 33, 34, 35, 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). 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		3. License number	37-05293-03
1. Department of the Navy Northern Division Naval Facilities Engineer Philadelphia, Pennsylvania	19112	4. Expiration date	June 30, 1990
		5. Docket or Reference No.	08-11817-15 030-22304
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. Americium 241	A. Sealed sources (Troxler Dwg. No. A-102451)	A. Not to exceed 50 millicuries per source	
9. Authorized use			
A. For use in Troxler Model 3205 moisture/density gauges for measurement of properties of construction materials.			

CONDITIONS

10. Licensed material may be used at Northern Division, Naval Facilities Engineering Command, Philadelphia Naval Base, Building 77-L, Philadelphia, Pennsylvania and at temporary job sites of the licensee anywhere in the United States.
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 and in the physical presence of, Dominic DiGiantomasso or any individual who completes the manufacturer's training course.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

37-05293-03

Docket or Reference number

030-22304, 08-11817-15

CONDITIONS

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.
- (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 I, 631 Park Avenue, King of Prussia, Pennsylvania 19406 describing the equipment involved, the test results, and the corrective action taken.
- D. The licensee is authorized to collect leak test samples in accordance with the procedures described in the licensee's application dated March 12, 1985 for analysis by Troxler Electronic Laboratories. Alternatively, leak test samples may be collected and/or analyzed 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 or removed from their respective source holders by the licensee.

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15. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of byproduct material, manufacturer's name and model numbers, location of sealed sources and the date of the inventory.
16. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions".
17. 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 March 12, 1985. 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.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Original Signed By
John W. N. Hickey

DATE JUL 11 1985

BY

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

4

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

A. TYPE OF ACTION AND IDENTIFICATION CODES

<input type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input type="checkbox"/> AMENDMENT TO TERMINATE	<input type="checkbox"/> VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME/ADDRESS [X] box
<input type="checkbox"/> NEW LICENSE AND NEW LICENSEE	<input type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE NO AMENDMENT		030-22304	18823	<input type="checkbox"/>

B. INDICATIVE INFORMATION

INDIVIDUAL LICENSEES NAME (Last, First, Middle) NAME (Last, First, Middle) NAME (Last, First, Middle)	NAME (Last, First, Middle) Ref lic # 08-11817-15 NAME (Last, First, Middle)			
ORGANIZATION ORGANIZATION NAME (Alphabetic Sequence) DEPARTMENT OR BUREAU Northern Div, Naval Facilities Eng.				
ADDRESS BUILDING, STREET Philadelphia Naval Base CITY Philadelphia STATE PA ZIP CODE 19122				
TYPE OF APPLICANT <input type="checkbox"/> U.S. GOVERNMENT AGENCY <input type="checkbox"/> INDIVIDUAL LICENSEE <input type="checkbox"/> ORGANIZATIONAL LICENSEE	DATE REQUEST RECEIVED	INSTITUTION CODE	PENDING PROG CODE	ACTUAL PROG CODE
SECONDARY PROGRAM CODES (As required) =1 =2 =3 =4 =5				
LICENSE NUMBER 37-05293-03		DATE LICENSE ISSUED OR ACTION COMPLETED		EXPIRATION DATE

BYPRODUCT	CHEMICAL OR PHYSICAL FORM	POSSESSION LIMIT --
6A. Americium 241	7A. Seal source (Troxler Dwy No. A-102451)	8A. DYE: 50 milli curies per source
9A. For use in Troxler Model 3205 moisture/density gauge for measurement of properties of construction material		
10. (2A) Northern Division, Naval Facilities Engineering Command, Philadelphia Naval Base, Building 77-2, Philadelphia, Pennsylvania.		
11. (5)		
12. (1) Dominic Di Santomasso or any individual who completes the manufacturer's training course.		
13. (11 A)(13) AC + E application dated March 12, 1985, Troxler Electronic Laboratories		
14. (20) porton gauges		
15. (47) seal source		
16. (29)		
17. (16) Application dated March 12, 1985	BB/9st	6/11/85
MAIL to: Navy Coord.		

CONVERSATION RECORD

TIME

2:50pm

DATE

6/11/85

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Dominic Di Giandomasso

ORGANIZATION (Office, dept., bureau, etc.)

King

TELEPHONE NO.

(215)

897-6253

SUBJECT

Keep the following:

1) Model # of record sources

SUMMARY

2) Who will analyze back test results

1) Troxler Dwg # A-102451

2) Swipe will be sent to Troxler Elec. Lab

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Brenda Brown

Brenda Brown

6/11/85

ACTION TAKEN

SIGNATURE

TITLE

DATE

50271-101

U.S. G.P.O. 1983-381-526/8346

CONVERSATION RECORD

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE