

MATERIALS LICENSE

Amendment No. 05

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, 36, 39, 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.

OFFICIAL RECORD COPY ML 10

Licensee		In accordance with the letter dated September 18, 1996,	
1. City of Philadelphia Philadelphia International Airport		3. License Number 37-07983-07 is amended in its entirety to read as follows:	
2. Terminal E Philadelphia, Pennsylvania 19153		4. Expiration Date September 30, 2002	
		5. Docket or Reference No. 030-12460	
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. Cesium 137	A. Sealed sources	A. 100 millicuries	
B. Americium 241	B. Sealed neutron sources	B. 500 millicuries	
9. Authorized use			
A. and B. For possession and use in Troxler Electronic Laboratories, Inc., Campbell Pacific Nuclear Corp., Humboldt Scientific, Inc., Seaman Nuclear Corporation, or Soiltest, Incorporated devices which have been evaluated and approved for licensing purposes under a license issued by the U.S. Nuclear Regulatory Commission or any Agreement State.			

CONDITIONS

10. Licensed material may be stored at the licensee's facilities located at Materials Testing Facility, Cargo City, Philadelphia, Pennsylvania and may be used only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
11. A. Licensed material shall only be used by, or under the supervision and in the physical presence of, Jay Beratan, Allan F. Moore, Jr., Joseph J. Foley, Mark Coval, or Lemuel Craddle or individuals who have successfully completed the manufacturer's training program for gauge users, have been instructed in the licensee's routine and emergency operating procedures and who have been designated in writing by the Radiation Safety Officer.
- B. The Radiation Safety Officer for this license is Joseph J. Foley.
12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
13. The licensee shall conduct a physical inventory every six months to account for all sealed sources and devices containing licensed material received and possessed under the license.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

37-07983-07

Docket or Reference Number

030-12460

Amendment No. 05

14. A. Sealed sources and detector cells containing licensed material shall be tested for leakage and/or contamination at intervals not to exceed six months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed three years.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources and detector cells need not be leak tested if:
- (i) they contain only hydrogen-3; or
 - (ii) they contain only a radioactive gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source or detector cell shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within five days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source or detector cell involved, the test results, and corrective action taken.
- G. The licensee is authorized to collect leak test samples for analysis by Troxler Electronic Laboratories, Inc.. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-07983-07

Docket or Reference Number

030-12460

Amendment No. 05

15. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State.
16. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage or when not under the direct surveillance of an authorized user.
17. Any cleaning, maintenance, or repair of the gauge(s) that requires removal of the source rod shall be performed only by the manufacturer or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application dated December 17, 1991
 - B. Letter dated August 14, 1992
 - C. Letter dated August 31, 1992
 - D. Letter dated September 8, 1992

For the U.S. Nuclear Regulatory Commission

Original Signed By:

Kathleen Dolce

By

Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

Date SEP 27 1996

SEP 27 1996

Mr. Joseph J. Foley
Radiation Safety Officer
City of Philadelphia
Philadelphia International Airport
Terminal E
Philadelphia, Pennsylvania 19153

Dear Mr. Foley:

This refers to your license amendment request. Enclosed with this letter is the amended license. Please note that as part of this amendment, in accordance with 10 CFR 30.36, effective February 15, 1996, the expiration date of your license has been extended by a period of five years. Your new expiration date is stated in Item 4 of the license.

License Nr. 37-07983-07 has been revised to incorporate the new standard license conditions. Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original Signed By

Kathleen Dolce
Division of Nuclear Materials Safety

License No. 37-07983-07
Docket No. 030-12460
Control No. 123700

Enclosures:

1. Amendment No. 05
2. Copy of letter dated April 8, 1996 granting extension of license expiration date

DOCUMENT NAME: R:\WPS\MLTR\L3707983.07

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI				
NAME	Dolce\kd1						
DATE	09/19/96		09/ /96		09/ /96		09/ /96

OFFICIAL RECORD COPY

ML 10



DIVISION OF AVIATION

PHILADELPHIA INTERNATIONAL AIRPORT
DESIGN AND CONSTRUCTION
TERMINAL E
PHILADELPHIA, PA 19153
(215) 937-6732

030-12460
37-07983-07

TO:

Ms. KATHLEEN DOLCE
NUCLEAR REGULATORY COMMISSION
FAX 610-337-5269

DATE:

9-15-96

PROJ:

Via:

X Fax 1 page(s)

Hand Delivered

WE ARE SENDING YOU

o Attached

o Under separate cover

o Shop Drawings
o Copy of letter

o Specifications
o Cost Estimate

o Drawings
o Sketch

o Samples
o Other

Quantity	Number	Description	Code
		MAILING ADDRESS:	6
		CITY OF PHILADELPHIA	
		PHILADELPHIA INTERNATIONAL AIRPORT	
		TERMINAL E	
		PHILA, PA 19153	
		ATTN: JOE FOLEY	

CODES:

1. No Exception Taken
2. Approved as Noted
3. Revise & Resubmit
4. Rejected

5. For Review and Comment
6. As Requested
7. For Your Use
8. For Your Information

Note: Failure to comply exactly with the notations on any shop drawing will constitute in non-approval of the same.

REMARKS:

PER YOUR PHONE REQUEST OF 9/16 REGARDING THE
LICENSE EXTENSION.

COPY TO:

NRC FILE

ALLAN MOORE

BY:

Joseph J. Foley, CPT III
215 937 6732 office
215 937 6734 fax

OFFICIAL RECORD COPY

ML 10

123700

FAX REC'D SEP 18 1996

CMD: _____

LMS APPLICATION FORM

920303

DOCKET NO: 03012460

LICENSE NO: 37-07983-07

FEDERAL GOV'T: N

INSTITUTION CODE: 07983

LICENSE REGION: 1

STATUS: 0

PRIMARY PGM CODE: 03121

EXPIRATION DATE: 20020930

NAME:

PHILADELPHIA, CITY OF

DEPT/BUREAU:

DEPT. OF COMMERCE/DIV. OF AVIATION

BUILDING:

STREET:

3751 ISLAND AVENUE

CITY:

PHILADELPHIA

STATE: PA

ZIP: 19153

ATTN:

JAY BERATAN, P.E.

MAIL CONTROL NO: 116266

RECEIPT DATE: 920227

ACTION TYPE: 3

(YYMMDD)

PRIORITY PROCESSING FLAG: N

COMPLETE: Y

000 000

BLANKET
3

vm2.nrc.gov 10:03:49

Mike - Here's an active license
whose mail has been returned.
(See attached.) If you all can
provide a better address I'll
resend the invoice.

Thanks,
Andy K.

Left voice mail message for Joe Foley, RSO
(215) 937-1930

Secretary said correct address is

Philadelphia International Airport
Terminal E; 2nd floor
Phila., PA 19153

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300
License Fee & Debt Collection Branch

PHILADELPHIA, CITY OF
ATTENTION: RADIATION SAFETY OFFICER
DEPT OF COMM DIV OF AVIATION
3751 ISLAND AVENUE
PHILADELPHIA

PA 19153-

AM 5997-96

PHILA PA 02:01 08/27/96

FIRST CLASS MAIL
POSTAGE AND FEES PAID
USMRC
PENNY 10.00

37-079.83-07
0301 2460

T-9E10
P11 11/05



123700

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 03121
STATUS CODE: 0
FEE CATEGORY: 3P
EXP. DATE: 20020930
FEE COMMENTS: CODE 14
DECOM FIN ASSUR REQD: N
.....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: PHILADELPHIA, CITY OF
RECEIVED DATE: 960918
DOCKET NO: 3012460
CONTROL NO.: 123700
LICENSE NO.: 37-07983-07
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: -----
CHECK NO.: -----

3. COMMENTS

ADMINISTRATIVE ATTACHMENT - NO
FEE DUE.

SIGNED W. A. Perkins
DATE 9/17/96

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILEAGE DUE IS ENTERED) 1 9/23/96

1. FEE CATEGORY AND AMOUNT: 3P

2. CORRECT FEE PAID- APPLICATION MAY BE PROCESSED FOR:

AMENDMENT -----
RENEWAL -----
LICENSE -----

3. OTHER -----

SIGNED -----
DATE -----

RECEIVED BY LFDCB	
Date	9/23/96
Log	Aug 26 E 96
By	BA
Date Completed	9/23/96