

MATERIALS LICENSE

Amendment No. 06

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

Licensee

In accordance with letter dated
February 24, 1997,3. License Number 06-19909-01 is amended in
its entirety to read as follows:

4. Expiration Date July 31, 2002

5. Docket or
Reference No. 030-195156. Byproduct, Source, and/or
Special Nuclear Material7. Chemical and/or Physical
Form8. Maximum Amount that Licensee
May Possess at Any One Time
Under This License

A. Cesium 137

A. Sealed sources

A. Not to exceed 10
millicuries per source
and 100 millicuries total
B. Not to exceed 50
millicuries per source
and 500 millicuries total

B. Americium 241

B. Sealed neutron sources

9. Authorized use

A. and B. For possession and use in Troxler Electronics Laboratories, Inc., Campbell Pacific Nuclear Corp., Humbolt Scientific, Inc., Seaman Nuclear Corp., or Soiltest, Inc., devices which have been approved for licensing purposes under a license issued by the Nuclear Regulatory Commission or an Agreement State.

CONDITIONS

10. Licensed material may be used at the licensee's facilities at 200 Rowe Avenue Milford, Connecticut, 871 Stafford Road, Eagleville, Connecticut and may be used 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 materials shall be used only by individuals who have successfully completed the manufacturer's training program for gauge users and have been designated by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.

B. The Radiation Safety Officer for this license is Frank A. Soucy.

9706130129 970521
PDR ADDCK 03019515
C PDR



ML 10

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

06-19909-01

Docket or Reference Number

030-19515

Amendment No. 06

12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders or detector cells by the licensee.
13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed 3 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 3 months.
- C. 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 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 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. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. 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 shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 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 involved, the test results, and corrective action taken.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

06-19909-01

Docket or Reference Number

030-19515

Amendment No. 06

- G. The licensee is authorized to collect leak test samples for analysis by Humbolt Scientific, 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.
14. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."
15. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory.
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 shall be locked when in transport or when not under the direct surveillance of an authorized user.
17. The licensee shall not acquire licensed material in a sealed source or in a device that contains a sealed source unless the source or device has been registered with the Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.
18. 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 January 25, 1982
 - B. Application dated December 20, 1986
 - C. Letter Dated March 3, 1988
 - D. Application dated February 20, 1991
 - E. Application dated February 21, 1992
 - F. Letter dated March 20, 1995
 - G. Letter dated April 24, 1995
 - H. Letter dated May 20, 1995
 - I. Letter dated February 24, 1997

MAY 21 1997

Date _____

For the U.S. Nuclear Regulatory Commission

Original Signed By:

John R. McGrath

By

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

MAY 21 1997

Frank A. Soucy
President
Materials Testing, Inc.
200 Rowe Avenue
Milford, Connecticut 06460

Dear Mr. Soucy:

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.

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:
John R. McGrath

John R. McGrath
Senior Health Physicist
Division of Nuclear Materials Safety

License No. 06-19909-01
Docket No. 030-19515
Control No. 124342

Enclosure:
Amendment No. 06

OFFICIAL RECORD COPY

ML 10

DOCUMENT NAME: R:\WPS\MLTR\LO619909.01

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

OFFICE	DNMS/RI	N	DNMS/RI				
NAME	McGrath <i>gmm</i>						
DATE	03/06/97	03/ /97	03/ /97	03/ /97			

OFFICIAL RECORD COPY

MATERIALS TESTING, INC.

200 ROWE AVENUE • MILFORD, CONNECTICUT 06460 • (203)878-2765
871 STAFFORD ROAD • EAGLEVILLE, CONNECTICUT 06268 • (860)487-1972

United States Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, Pennsylvania 19406

February 24, 1997

030-19515

RE: License Number 06-19909-01

Gentlemen:

We submit for a License Amendment for a Secondary Storage Facility at our branch office for a Nuclear Density Meter

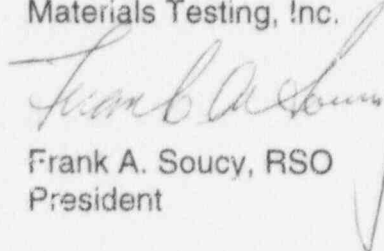
Secondary Storage Facility:

Materials Testing, Inc.
871 Stafford Road
Eagleville, CT 06268

Attached, please find a sketch showing the storage area.

The Nuke Room has a locked door with a key available to RSO and his assistants - Frank A. Soucy and Bryan Kearns.

Very truly yours,
Materials Testing, Inc.


Frank A. Soucy, RSO
President

Attachment
djc

1 2 4 3 4 2

OFFICIAL RECORD COPY

ML 10

MAR - 3 1997

← EMPTY LOT

2'

Backdoor

EMPTY LOT

NUKE ROOM

4'6"

CYLINDER MOIST
CHAMBER ROOM

10'3"

10'

BATHROOM

LABORATORY

OFFICE

14'6"

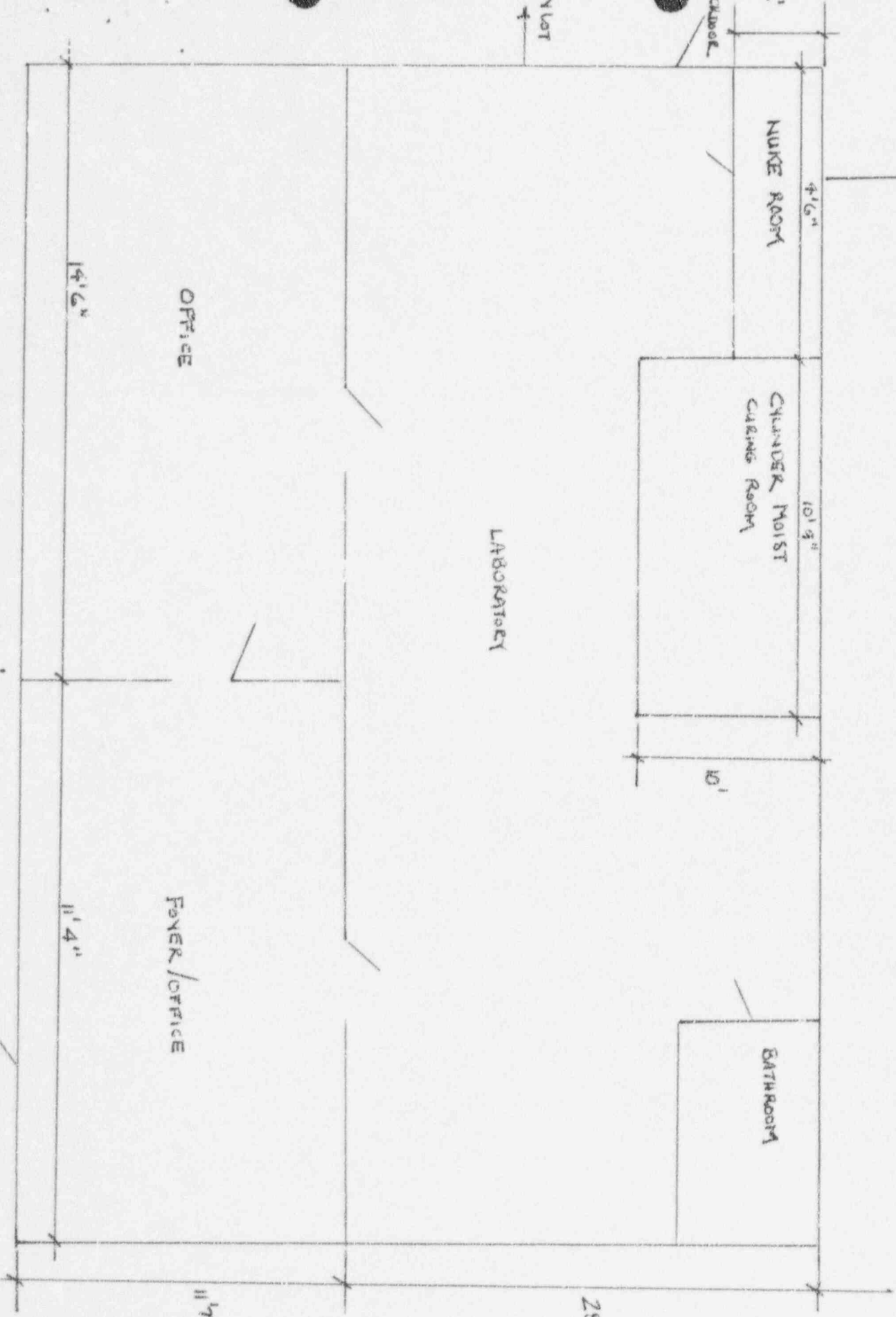
FOYER/OFFICE

11'4"

FRONT DOOR

25'

11'7"



LICENSE FEE REQUIREMENTS

LICENSE FEE AND DEBT COLLECTION BRANCH
DIVISION OF ACCOUNTING AND FINANCE
OFFICE OF THE CONTROLLER
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0601MATERIALS TESTING, INC.
ATTN: FRANK A. SOUCY, RSO
PRESIDENT
200 ROWE AVENUE
MILFORD, CT 06460

TYPE OF ACTION

NEW LICENSE

RENEWAL OF LICENSE

☒ AMENDMENT TO LICENSE

REQUESTED DATE

2-24-97

LICENSE NUMBER

06-19909-01

CONTROL NUMBER

124342

I. APPLICATION FEE DUE

Your request for a licensing action is subject to the fee(s) in the category(ies) noted below in accordance with Section 170.31 of the enclosed Federal Register notice. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
3F	\$	\$	\$ 300.00
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(s) DUE	\$	300.00
PAYMENT RECEIVED	\$	0.00
AMOUNT DUE	\$	300.00

☒ Your request was received without the prescribed application fee.

We received your Check No. _____ in the amount of \$ _____. Payment of the additional fee noted above is required.

Your request will increase the scope of your license program. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(d)(2).

Your license expired prior to the receipt of your application for renewal. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(a).

MAKE PAYMENT OF THE FEE(S) TO THE U.S. NUCLEAR REGULATORY COMMISSION AND MAIL THE PAYMENT TO THE ADDRESS LISTED AT THE TOP OF THIS FORM. WE DO NOT RECEIVE A REPLY FROM YOU WITHIN 30 CALENDAR DAYS FROM THE DATE LISTED BELOW, WE SHALL ASSUME THAT YOU DO NOT WISH TO PURSUE YOUR APPLICATION AND WILL VOID THIS ACTION.

II. FEE NOT REQUIRED

Enclosed is Check No. _____ which accompanied your request. The fee is not required because:

☐ We received your Check No. _____ in payment of the fee.

☐ The Licensing staff has informed us that your request is to be considered as a continuation of your request dated _____.

Control No. _____

☐ Your request was combined, prior to review, with your request, Control No. _____.

III. CHECK RETURNED

Enclosed is Check No. _____ which was returned to us by the bank for:

☐ INSUFFICIENT FUNDS☐ ACCOUNT CLOSED☐ OTHER

MAIL THE REPLACEMENT CHECK TO THE ADDRESS LISTED AT THE TOP OF THIS FORM AND REFERENCE THE ABOVE CONTROL NUMBER.

IV. LICENSE ISSUED WITHOUT THE REQUIRED FEE

License No. _____ Amendment No. _____ issued on _____.

_____ was issued without the required fee being collected. The fee required is noted in Section I of this form.

☐ The scope of your licensed program was increased. Therefore, your request is subject to the application fee(s) noted in Section I of this form. Refer to Section 170.31 and Footnote 1(d)(2).

☐ Because of the urgency of your request, the license was issued without remittance of the prescribed fee noted in Section I of this form.

SIGNATURE - LICENSE FEE ANALYST

LFDCB

LFDCB

Distribution:

Region I

Pending

BBrown

LFARB R/P

OC/DAF R/P

CC/DAF S/P (LF-3.2.7)

DATE

BRENDA BROWN 301-415-6055

4/9/97

4-9-97

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LYS

PROGRAM CODE: 03121
STATUS CODE: 0
FEE CATEGORY: 3P
EXP. DATE: 20020731
FEE COMMENTS: _____
DECOM FIN ASSUR REQD: N
.....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: MATERIALS TESTING, INC.
RECEIVED DATE: 970303
DOCKET NO: 3019515
CONTROL NO.: 124342
LICENSE NO.: 06-19909-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

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

3. COMMENTS

SIGNED
DATE

M. A. Perkins
3/4/97

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED ✓)

1. FEE CATEGORY AND AMOUNT: 3P \$300

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

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

3. OTHER -----

SIGNED
DATE

I (97)

Log	<u>APR 2</u>
Re-writer	
Check No.	<u>00013925</u>
Amount	<u>8300</u>
Category	<u>3P</u>
AMV	<u>5/10/97</u>
By	<u>16</u>

1997 MAR -6 PM 3:11