

ENGINEERING — MATERIALS EVALUATION — INSPECTION — INVESTIGATION — TESTING — REPORTS

June 29, 1988

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

Attention: Material Licensing Section

Re: License No. 29-17713-01
Expiration Date 7/31/88
Program Code 03121

Gentlemen:

Attached you will find Amendment No. 2 dated May 5, 1987.

We have also included our Check No. 3201 to cover renewal fee.

We have chosen the alternative method for license renewal since we have assessed our current program and reviewed the documents we have submitted in the past and determined that the information is up to date and reflect our current program.

Respectfully submitted,
MATERIALS ENGINEERING TESTING SERVICES, INC.

Leonard J. Rusciani

Leonard J. Rusciani
Radiation Safety Protection Officer

c: USNRC (2)

Att: Check for \$175.00

Log	July 13
Remitter	
Check No.	3201
Amount	\$175 Refunded
Fee Category	3P
Type of Fee	Renewal
Date Check Rec'd.	7/20/88
Date Completed	7/21/88
By:	<i>J. Lambert</i>

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REG1 LIC30
29-17713-01 PDR

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7-7-88

MAY 06 1987

MATERIALS LICENSE

Amendment No. 02

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.

<p>Licensee</p> <p>1. Materials Engineering Testing Service</p> <p>2. State Highway 73 & Chestnut Avenue Berlin, New Jersey 08009</p>	<p>In accordance with letter dated March 31, 1987, 3. License number 29-17713-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date July 31, 1988</p> <hr/> <p>5. Docket or Reference No. 030-13220</p>
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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/Americium 241	A. New England Nuclear Corporation, Model NER-560A combination gamma-neutron source	A. Not to exceed 11 millicuries of Cesium 137 per source and 60 millicuries of Americium 241 per source
B. Cesium 137/Americium 241	B. Campbell Pacific Nuclear Model CPN-131 sealed combination gamma-neutron source	B. Not to exceed 10 millicuries of Cesium 137 per source and 50 millicuries of Americium 241 per source
C. Cesium 137	C. Campbell Pacific Nuclear Model CPN-131 sealed source	C. Not to exceed 10 millicuries per source
D. Americium 241	D. Campbell Pacific Nuclear Model CPN-131 sealed neutron source	D. Not to exceed 50 millicuries per source

9. Authorized use
- A. For use in Soiltest Model NIC-5DT gauge to measure moisture and density of materials.
 - B. For use in Campbell Pacific Nuclear Corporation Models A, BR, or 501 gauges to measure moisture and denisty of materials.
 - C. and D. For use in Campbell Pacific Nuclear Corporation Model MC series gauges to measure moisture and density of materials.

CONDITIONS

10. Licensed material may be used at State Highway #73 and Chestnut Avenue, Berlin, New Jersey and 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.

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MATERIALS LICENSE
SUPPLEMENTARY SHEETRECEIVED
MAY 06 1987

License number

29-17713-01

Docket or Reference number

030-13220

Amendment No. 02

(Continued)

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CONDITIONS

11. Licensed material shall be used by, or under the supervision and in the physical presence of, Leonard J. Rusciani, Martha A. Rusciani, or by individuals who have satisfactorily completed the device manufacturer's training program.
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. The sealed sources or detector cells specified in Items 7.A. shall be tested for leakage and/or contamination at intervals not to exceed 6 months and the sealed sources or detector cells specified in Items 7.B., 7.C. and 7.D. shall be tested for leakage and/or contamination at intervals not to exceed 1 year. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.
B. Any sealed source or detector cell in storage and not being used need not be tested. When the source or detector cell is removed from storage for use or transfer to another person, it shall be tested before use or transfer.
C. 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, the source or detector cell shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A 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 and Safeguards Branch, 631 Park Avenue, King of Prussia, Pennsylvania 19406. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
D. The licensee is authorized to collect leak test samples for analysis by the device manufacturer or tests for leakage and/or contamination shall 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 Part 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 2 years from the date of each inventory.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

29-17713-01

Docket or Reference number

030-13220

Amendment No. 02

(Continued)

CONDITIONS

16. 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 August 15, 1977
- B. Letter dated September 15, 1977
- C. Letter dated February 6, 1978
- D. Letter dated May 15, 1978
- E. Letter dated May 27, 1983
- F. Letter dated March 31, 1987

05 MAY 1987

Date _____

For the U.S. Nuclear Regulatory Commission

Original Signed By
John E. Clark

By _____
Nuclear Materials Safety and
Safeguards Branch, Region I
King of Prussia, Pennsylvania 19406

REQUIREMENTS FOR MATERIALS LICENSEES

RECEIVED

MAY 06 1987

METS

As a holder of an NRC material license, you must:

1. Operate in accordance with NRC regulations contained in 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity(ies) and form(s) indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).
5. Request and obtain appropriate amendments if you plan to change the ownership of your organization, change locations of radioactive material, or make any other changes in your facility or program which are contrary to your license conditions or representations made in your license application and any supplemental correspondence with NRC. A license fee may be charged for the amendment as specified in 10 CFR Part 170.
6. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date on your license. You should receive a reminder notice approximately 90 days before the expiration date. However, it is your responsibility to file a renewal application at the proper time. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

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

JUL 21 1988

Materials Engineering Testing Service
ATTN: Mr. Leonard J. Rusciani
State Highway 73 & Chestnut Avenue
Berlin, NJ 08009

REFUND OF APPLICATION FEE

1. BACKGROUND:

Check Received July 19, 1988
Application Dated June 29, 1988
Check Number 3201
Check Amount \$175

2. REFUND:

Amount \$55

This refund is now being processed and will be sent as soon as possible.

3. REASON FOR REFUND:

Overpayment of renewal fee for application dated June 29, 1988 for License 29-17713-01 as specified in fee Category 3P (\$120) of \$170.31, 10 CFR 170.

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Glenda Jackson 7/21/88
License Fee Management Branch
Division of Accounting and Finance
Office of Administration and
Resources Management

