

MATERIALS LICENSE

Amendment No. 11

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

<p>Licensee</p> <p>1. Craig Testing Laboratories, Inc.</p> <p>2. P.O. Box 427 5435 Harding Highway Mays Landing, New Jersey 08330</p>		<p>In accordance with the letter dated April 29, 1997,</p> <p>3. License Number 29-18018-01 is amended in its entirety to read as follows:</p>	
		<p>4. Expiration Date</p>	<p>January 31, 1999</p>
		<p>5. Docket or Reference No.</p>	<p>030-14353</p>
<p>6. Byproduct, Source, and/or Special Nuclear Material</p> <p>A. Cesium 137 B. Americium 241</p>	<p>7. Chemical and/or Physical Form</p> <p>A. Sealed sources B. Sealed neutron sources</p>	<p>8. Maximum Amount that Licensee May Possess at Any One Time Under This License</p> <p>A. 300 millicuries B. 1500 millicuries</p>	

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 5435 Harding Highway, Mays Landing, New Jersey 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. Licensed material shall only be used by, or under the supervision and in the physical presence of 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.
12. The Radiation Safety Officer for this license is Michael W. Cannan.

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.

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SUPPLEMENTARY SHEET**

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- 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: Director, Division of Nuclear Materials Safety, 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.
14. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. 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.

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16. 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.
17. 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.
18. 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.
19. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
20. 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 July 1, 1993 and received November 22, 1993
  - B. Letter dated January 11, 1994
  - C. Letter dated February 12, 1996
  - D. Letter dated April 29, 1997

JUN - 3 1997

Date \_\_\_\_\_

For the U.S. Nuclear Regulatory Commission

**ORIGINAL SIGNED BY:**

**JUDITH A. JOUSTRA**

By

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

JUN - 3 1997

Mr. F. Gordon Craig  
President  
Craig Testing Laboratories, Inc.  
P.O. Box 427  
5435 Harding Highway  
Mays Landing, New Jersey 08330

Dear Mr. Craig:

This refers to your license amendment request. Enclosed with this letter is the amended 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:**  
**JUDITH A. JOUSTRA**


Judith A. Joustra  
Division of Nuclear Materials Safety

License No. 29-18018-01  
Docket No. 030-14353  
Control No. 124537

Enclosure:  
Amendment No. 11

DOCUMENT NAME: R:\WPS\MLTR\L2918018.01

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	JJoustra 						
DATE	06/03/97		06/ /97		06/ /97		06/ /97

OFFICIAL RECORD COPY

# Craig Testing Laboratories, Inc.

P.O. Box 427 • 6435 Harding Highway, Mays Landing, NJ 08330  
Phone (609) 625-3212 • Fax (609) 625-1798

April 29, 1997

United States Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

Attn.: Ms. Jenny Johansen

RE: License No. 29-18018-01  
Docket No. 030-14353  
Control No. 123603

Dear Ms. Jenny Johansen:

CRAIG TESTING LABORATORIES, INC. would like to purchase several more Troxler Nuclear Densometers, Model No. 3430, in the near future.

We would like to amend our license to be able to store/possess the following sealed sources:

- a) Cesium 137 - 300 millicuries
- b) Americium 241 - 1500 millicuries

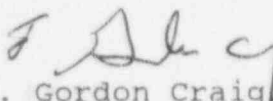
Please advise what action, if any, we need to accomplish to get this license amendment and what would be the appropriate cost for same.

We trust this information is sufficient for your use and review.

Should you have any questions or need any other information, please feel free to contact us.

Respectfully submitted,

CRAIG TESTING LABORATORIES, INC.

  
F. Gordon Craig  
President

FGC/jis

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124537

MAY - 2 1997



## LICENSE FEE REQUIREMENTS

LICENSE FEE AND IEBT COLLECTION BRANCH  
DIVISION OF ACCOUNTING AND FINANCE  
OFFICE OF THE CONTROLLER  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001CRAIG TESTING LABORATORIES, INC.  
ATTN: F. GORDON CRAIG  
PRESIDENT  
P.O. BOX 427  
5435 HARDING HIGHWAY  
MAYS LANDING, NJ 08330

## TYPE OF ACTION

- ☐
- NEW LICENSE
- 
- ☐
- RENEWAL OF LICENSE
- 
- ☒
- AMENDMENT TO LICENSE

REQUESTED DATE

4-29-97

LICENSE NUMBER

29-18018-01

CONTROL NUMBER

124537

## 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
3P	\$	\$	\$ 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. IF 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.

SIGNATURE -- LICENSE FEE ANALYST

LFDCB

LFDCB

BRENDA BROWN 301-415-6055

BB *BB*  
5/16/97

## 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.

Distribution:

Region I

Pending

BBrown

LFARB R/F

OC/DAF R/F

OC/IAF S/F (LF-3.2.7)

DATE

5-16-97

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: 19990131  
Fee Comments: -----  
Decom Fin Assur Req'd: N  
.....

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: CRAIG TESTING LABORATORIES., INC.  
Received Date: 970502  
Docket No: 3014353  
Control No.: 124537  
License No.: 29-18018-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: -----  
Check No.: -----

3. COMMENTS

Signed  
Date

*Brown, R. J.*  
*5/5/97*

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered ☒)

1. Fee Category and Amount: *3P*

2. Correct Fee Paid. Application may be processed for:  
Amendment -----  
Renewal -----  
License -----

3. OTHER -----

Signed  
Date

*I (97)*

Log	<i>May 1</i>
Renewal	
Check No.	<i>002230</i>
Amount	<i>\$300</i>
Fee Category	<i>3P</i>
Type of Fee	<i>Amo</i>
Check Rec'd	<i>6/9/97</i>
Completed	<i>BB</i>

1997 MAY -7 PM 12:29