

MATERIALS LICENSE

Amendment No. 03

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 the letter dated August 20, 1996, | |
| 1. R. E. Wright Environmental, Incorporated | | 3. License Number 37-28362-01 is amended in its entirety to read as follows: | |
| 2. 3240 Schoolhouse Road Middletown, Pennsylvania 17057 | | 4. Expiration Date | July 31, 2004 |
| | | 5. Docket or Reference No. | 030-31059 |
| 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. Not to exceed 10 millicuries per source and 30 millicuries total | |
| B. Americium 241 | B. Sealed neutron sources | B. Not to exceed 50 millicuries per source and 150 millicuries total | |
| 9. Authorized use | | | |
| A. and B. For possession and use in Troxler Electronic Laboratories, Inc., Campbell Pacific Nuclear Corp., Humboldt Scientific, Inc., Seaman Nuclear Corp., or Soiltest, Inc. or 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 used only at the licensee's facilities located at 3240 Schoolhouse Road, Middletown, Pennsylvania 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.
11. A. Licensed material shall only be used by, or under the supervision and in the physical presence of, William S. Tafuto 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 William S. Tafuto.
12. 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.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

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- 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 Campbell Pacific Nuclear Corporation. 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.
13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

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14. 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.
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 February 24, 1994
 - B. Letter dated June 24, 1994
 - C. Letter dated July 8, 1994
 - D. Letter dated August 20, 1996

For the U.S. Nuclear Regulatory Commission

Date

OCT 24 1996

By

**ORIGINAL SIGNED BY:
JO ANN V. STAMBAUGH**

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

OCT 24 1996

Ms. Patricia L. Reeser
Corporate Purchasing Manager
R.E. Wright Environmental, Inc.
3240 Schoolhouse Road
Middletown, PA 17057

Dear Ms. Reeser:

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:
JO ANN V. STAMBAUGH**

JoAnn V. Stambaugh
Division of Nuclear Materials Safety

License No. 37-28362-01
Docket No. 030-31059
Control No. 123666

Enclosure:
Amendment No. 03

DOCUMENT NAME: R:\WPS\MLTR\L3728362.01

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 | Stambaugh/jvs | | | | | | |
| DATE | 09/28/96 | 9/28/96 | 09/ /96 | 09/ /96 | 09/ /96 | 09/ /96 | |

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03031059
An SAIC company

r.e. wright environmental, inc.

030-31059

August 20, 1996

U. S. Nuclear Regulatory Commission
License Fee & Accounts Receivable Branch
P. O. Box 954514
St. Louis, MO 63195-4514

37-28862-01

Re: Certificate No. 372836201 L
R. E. Wright Environmental, Inc.

To Whom It May Concern:

Please note that R. E. Wright Associates, Inc. (REWAI) has changed its name to R. E. Wright Environmental, Inc. (REWEI) effective January 9, 1995. Additionally, enclosed is our check in the amount of \$1,633.78 to bring the above referenced account current with regard to license fees.

To avoid this problem in the future, please address the billing for this account to:

R. E. Wright Environmental, Inc.
Attn: Accounts Payable
3240 Schoolhouse Road
Middletown, PA 17057

Should you have any questions with regard to this information, do not hesitate to contact me at (717) 948-5830.

Sincerely,

R E WRIGHT ENVIRONMENTAL INC

Patricia L. Reeser
Corporate Purchasing Manager

PLR/s

Enclosures

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123666

SEP 11 1996

REC'D IN LAS FROM HQ

3240 schoolhouse road middletown, pa 17057-3595 (717) 944-5501 toll free 1-800-944-6778

ACTION: R TABLEID: ADHT USERID: AV13

*** RECEIVABLE HEADER INQUIRY TABLE ***

KEY IS TRANS CODE, DOC NUM

TRANS CODE: LD DOC NUM: AM3038-96

DOC TYPE:

DOCUMENT DATE: 06 11 96

COMMENTS: 37-28362-01

PAYER CODE/NAME: 372836201 L / WRIGHT ASSOCIATES INC., R. E.

ADDRESS: 3240 SCHOOLHOUSE ROAD

9/19/96

CITY: MIDDLETOWN

STATE: PA ZIP: 17057 -

COLL DUE DATE: 07 12 96 LAST BILL DATE/AMT: 06 11 96 / 1,600.00

PRINT BILL: P BILL PRINT DATE: 06 11 96 BILLED AMT: 1,600.00

INT RATE: 5.000 INT APPLY DATE: 08 12 96 INTEREST AMT: 13.78

TEXT TYPE: ADM CHGS APPLY DATE: 08 12 96 ADM CHGS AMT: 20.00

WAIVER FLAG: PEN APPLY DATE: PENALTY AMT: 0.00

DUNNING COUNT: 02 LAST DUN DATE: 08 12 96 TOTAL AMT: 1,633.78

OVERDUE STATUS: OVERDUE DATE: COLLECTED AMT: 1,633.78

OUTSTANDING BALANCE: 0.00

WRITE-OFF FLAG: WRITE-OFF DATE: AGREEMENT NUM:

WRITE-OFF REASON: WRITE-OFF AMT: 0.00 CASE HISTORY FLAG: Y

DOC CLOSING DATE: 08 19 96 CLOSED DOCUMENT AMT: 1,600.00

OVERPAYMENT CAUSE: REPRINT BILL AMT: 0.00

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 20555-0001R. E. WRIGHT ASSOCIATES, INC.
ATTN: PATRICIA L. REESER
CORPORATE PURCHASING MANAGER
3240 SCHOOLHOUSE ROAD
MIDDLETOWN, PA 17057-3595

TYPE OF ACTION

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

REQUESTED DATE

8-20-96

LICENSE NUMBER

37-28162-01

CONTROL NUMBER

123666

* YOU INDICATED THAT THE CHECK ENCLOSED WAS FOR THE
AMENDMENT OF THIS LICENSE. THE CHECK YOU SENT WAS
FOR PAYMENT OF YOUR ANNUAL FEE INVOICE (AM3038-96).

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. *SEE NOTE ABOVE☐ 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.

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 1 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 1 of this
form.

SIGNATURE - LICENSE FEE ANALYST

LFDCB

LFDCB

BRENDA BROWN

BB/BA
9/19/96

Distribution:

Region I Pending
BBrown LFARB RF
OC/DAF/SF (LF-3.2.7)

DATE

9-19-96

