

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

Licensee

In accordance with the letter dated
March 29, 1996,

1. ATEC Associates, Inc.

3. License Number 19-19822-01 is amended in
its entirety to read as follows:2. 8989 Herrmann Drive
Columbia, Maryland 21045

4. Expiration Date April 30, 2004

5. Docket or
Reference No. 030-192826. 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. 390 millicuries

B. Americium 241

B. Sealed neutron sources

B. 1.95 curies

C. Cadmium 109

C. Sealed source

A. 50 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 Nuclear Regulatory Commission or any Agreement State.

C. For use in a NITON XL Model 309 x-ray fluorescence analyzer for the detection of lead.

CONDITIONS

10. Licensed material may be stored at the licensee's facilities located at 8989 Herrmann Drive, Columbia, Maryland, and at 18982 Bonanza Way, Gaithersburg, Maryland, 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, Edwin R. Strode Jr., 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 Edwin R. Strode Jr.

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.

ML 10

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number 19-19822-01

Docket or Reference Number 030-19282

Amendment No. 11

(12. Continued)

CONDITIONS

- 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. or Radiation Services Organization, 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

19-19822-01

Docket or Reference Number

030-19282

Amendment No. 11

(Continued)

CONDITIONS

13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
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. Letter dated July 3, 1986
 - B. Letter dated February 11, 1987
 - C. Letter dated April 8, 1987
 - D. Application dated March 10, 1992
 - E. Letter dated November 4, 1993
 - F. Letter dated March 28, 1994
 - G. Letter dated September 6, 1994
 - H. Letter dated March 22, 1995
 - I. Letter dated May 4, 1995
 - J. Facsimile received May 22, 1995
 - K. Letter dated December 28, 1995

Date

SEP 23 1996

For the U.S. Nuclear Regulatory Commission

ORIGINAL SIGNED BY:

By

SHERI A. ARREDONDO

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

SEP 23 1996

Edwin R. Strode Jr., E.I.T.
Radiation Safety Officer
ATEC Associates, Inc.
8989 Herrmann Drive
Columbia, MD 21045-4710

Dear Mr. Strode:

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:
SHERI A. ARREDONDO

Sheri A. Arredondo
Division of Nuclear Materials Safety

License No. 19-19822-01
Docket No. 030-19282
Control No. 123151

Enclosure:
Amendment No. 11

DOCUMENT NAME: R:\WPS\MLTR\L1919822.01

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	Arredondo						
DATE	09/17/96		09/ /96		09/ /96		09/ /96

OFFICIAL RECORD COPY

ATEC Associates, Inc.



8989 Hermann Drive
Columbia, Maryland 21045-4710
(410) 381-0210, FAX (410) 381-0247

September 14, 1996

030-19282

Mr. Walter J. Pasciak
U.S. Nuclear Regulatory Commission
Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

Re: Addendum to License No. 19-19822-01
Mail Control # - 123151

Dear Mr. Pasciak:

As of September 14, 1996 I, Edwin R. Strode Jr. have assumed the responsibilities and title of Radiation Safety Officer at ATEC Associates, Inc., from Jeremy Cooper. Please amend our license to reflect this change. Included with this letter is a copy of my Radiological Safety Training course completion certificate.

Please also amend our license to denote the acquisition of a NITON XL Lead Detector (Model 309) from the Niton Corporation. The radioactive source is Cadmium 109, not to exceed 50 millicuries.

Thank you very much.

Sincerely,
ATC Environmental Inc., dba ATEC Associates, Inc.

Edwin R. Strode Jr., E.I.T.
Radiation Safety Officer

Dana K. Eddy, P.E.
Regional Vice President

OFFICIAL RECORD COPY

ML 10

123151

SEP 19 1996

FAX REC'D

SEP 16 1996

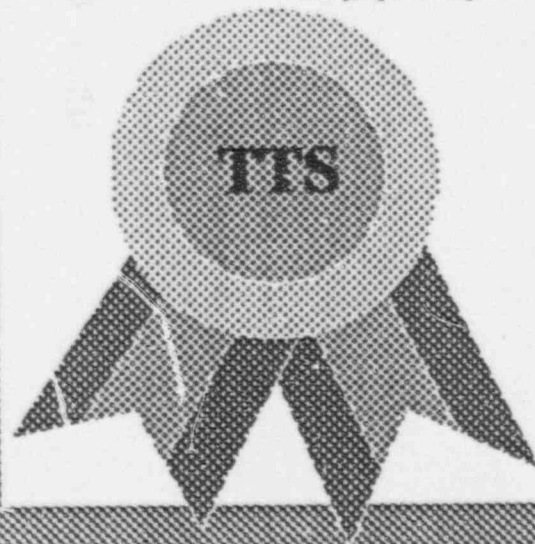
TECHNICAL TRAINING SERVICES

HEREBY CERTIFIES THAT

EDWIN R. STRODE, JR.

HAS SUCCESSFULLY COMPLETED THE TECHNICAL TRAINING SERVICES COURSE FOR THE USE OF THE
NUCLEAR MOISTURE/DENSITY TESTING GAUGE. LICENCE NOS. MD-07-101-01 - NRC-45-08890-02

Subjects included in this course were as follows: Radiological Safety - Principles and practices of radiation protection, leak testing procedures, measurement of radioactivity, biological effects of radiation, monitoring techniques and methods, accident, incident, storage and transportation procedures, and general safety precautions. Gauge operation - Instrument theory, operation procedures, maintenance, field applications, and gauge calibration.



June 12, 1993

DATE

William D. Ochs

INSTRUCTOR

TELEPHONE CONVERSATION LOG

DATE:

9/16/96

PERSON CALLED:

Edwin R. Strode Jr.

ORGANIZATION:

ATEC

TELEPHONE NUMBER:

410 381 0210

LICENSE NUMBER:

19-19822-01

MC 123151

PERSON CALLING:

Sheri A. Arredondo
USNRC Region I
475 Allendale Road
King of Prussia, PA 19406

(215) 337-5342
FAX Numbers
(215) 337-5269 or
(215) 337-5234

SUMMARY:

He will submit RSO change
+ fee ASAP.

ACTION:

SIGNATURE:

SA

DATE:

9/16/96

OFFICIAL RECORD COPY

ML 10

ATEC® Associates, Inc.



8989 Herrmann Drive
Columbia, Maryland 21045-4710
(410) 381-0210, FAX (410) 381-0247

030-19282

September 11, 1996

Mr. Walter J. Pasciak
U.S. Nuclear Regulatory Commission
Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

Re: Addendum to License No. 19-19822-01

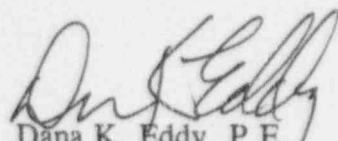
Dear Mr. Pasciak:

I, Jeremy Cooper, will be leaving ATEC Associates for employment elsewhere. My last day at ATEC will be Friday, September 13, 1996. Please reflect on our license that Jeremy Cooper will no longer be the Radiation Safety Officer after that date. It is my understanding that Edwin R. Strode, Jr. will be the new RSO as of September 14, 1996.

Thank you very much.

Sincerely,
ATC Environmental Inc., dba ATEC Associates, Inc.


Jeremy Cooper
Radiation Safety Officer


Dana K. Eddy, P.E.
Regional Vice President

OFFICIAL RECORD COPY

ML 10

123151

SEP 17 1996

ATEC[®] Associates, Inc.



8989 Herrmann Drive
Columbia, Maryland 21045-4710
(410) 381-0210, FAX (410) 381-0247

August 1, 1996

Mr. Walter J. Pasciak
U.S. Nuclear Regulatory Commission
Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

Re: Addendum to License No. 19-19822-01

Dear Mr. Pasciak:

This letter is to inform you that American Testing and Engineering Corporation dba ATEC Associates, Inc. has been purchased by ATC Environmental, Inc, headquartered in New York, New York. Our Columbia and Gaithersburg offices will continue to do business as ATEC Associates, Inc, and we will remain at our present locations. For purposes of the license, our legal name is ATC Environmental, Inc., dba ATEC Associates, Inc. Please send any correspondence to ATEC Associates, Inc., 8989 Herrmann Drive, Columbia, MD, 21045. Please update our materials license if necessary.

In addition, this office has purchased a NITON XL Lead Detector (Model 309) from the Niton Corporation. The radioactive source is Cadmium 109, not to exceed 50 millicuries. The delivery date to our office is expected by early September, 1996. Please amend our license if necessary.

Sincerely,
ATC Environmental Inc., dba ATEC Associates, Inc.

Jeremy Cooper
Radiation Safety Officer

Dana K. Eddy
Regional Manager
Traditional Services

OFFICIAL RECORD COPY

ML 10

123151

AUG - 5 1996

ATEC Associates, Inc.



8918 Herrmann Drive
Columbia, Maryland 21045-4710
(410) 381-0210, FAX (410) 381-0247

030-19282

March 29, 1996

Mr. James Bondick
U.S. Nuclear Regulatory Commission
Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

Re: Addendum to License No. 19-19822-01

Dear Mr. Bondick:

This letter is to inform you that this office plans to acquire a NITON XL Lead Detector (Model 309) from the Niton Corporation. The radioactive source is Cadmium 109, not to exceed 50 millicuries. Please amend our license if necessary.

Sincerely,

ATEC Associates, Inc.

Jeremy Cooper
Radiation Safety Officer

Dana K. Eddy, P.E.
Associate Vice President

123151

APR - 1 1996

(FOR LFMS USE)
INFORMATION FROM LTS

```
: PROGRAM CODE: 03121  
: STATUS CODE: 0  
: FEE CATEGORY: 3P  
: EXP. DATE: 20040430  
: FEE COMMENTS:  
: DECOM FIN ASSUR REQD: N
```

A. REGION

2. FREE ATTACHED

AMOUNT: _____
CHECK NO.: _____

3. COMMENTS

SIGNED
DATE

M. A. Perkins
5/10/96

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

1. FEE CATEGORY AND AMOUNT: 3P 1300

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

3. OTHER -----

SIGNED
DATE

Log May 5
Remitter _____
Check No. 2492
Amount \$300
Fee Category 3 P
Type of Fee Adv
Date Check Rec'd 10/2/92
Date Completed _____
By BA

1976 MAY 14 PM 3:25

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 20555-0001ATEC ASSOCIATES, INC
ATTN: JEREMY COOPER
RADIATION SAFETY OFFICER
8918 HERMANN DRIVE
COLUMBIA, MD 21045-4710

TYPE OF ACTION

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

REQUESTED DATE

3-29-96

LICENSE NUMBER

19-19822-01

CONTROL NUMBER

123151

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	\$	\$	\$ 290.00
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(s) DUE	\$	290.00
PAYMENT RECEIVED	\$	0.00
AMOUNT DUE	\$	290.00

☒ 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

BRENDA BROWN

LFDCB

BB BA

6/18/96

LFDCB

Distribution:

M.A.F. Correspondence

LFDCB Chief

Invoice File: /encl

LFDCB Analyst

LFDCB R/F (2)

DAF R/F

DATE

6-18-96

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.