

MATERIALS LICENSE

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.

398662

Licensee

1. Andrews Material Testing Services, Inc.
2. 811 West State Street
St. Johns, MI 48879

In accordance with application dated
May 30, 19953. License Number 21-26172-01 is renewed in
its entirety to read as follows:

4. Expiration Date October 31, 2001

5. Docket or
Reference No. 030-316686. 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 (Troxler
Dwg. A-102112)A. Five sources not to
exceed 9
millicuries per
source

B. Americium-241/Be

B. Sealed source (Troxler
Dwg. A-102451)B. Five sources not to
exceed 44
millicuries per
source

C. Americium-241/Be

C. Sealed source (Troxler
Dwg. A-102700)C. Two sources not to
exceed 10
millicuries per
source

D. Americium-241/Be

D. Sealed source (Troxler
Dwg. A-100608 or A-
100337)D. Two sources not to
exceed 300
millicuries per
source

E. Cesium-137

E. Sealed source (Troxler
Dwg. A-100601)E. Two sources not to
exceed 6
millicuries per
source

220045

9610220332 960927
PDR ADDCK 03031668
C PDR

COPY

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

21-26172-01

Docket or Reference Number

030-31668

Amendment No. 02

9. Authorized Use:

- A. To be used in Troxler Model 3400, 4640, 4545, 3565, and 1300 series surface moisture/density gauges.
- B. To be used in Troxler Model 3400 series, or 3216 series surface moisture/density gauges.
- C. To be used in Troxler Model 4300 series surface moisture/density gauges.
- D. To be used in Troxler Model 3241 series surface moisture/density gauges.
- E. To be used in Troxler Model 2376 series surface moisture/density gauges.

CONDITIONS

- 10. Licensed material may be used at 811 West State Street, St. Johns, Michigan, 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 be used by, or under the supervision and in the physical presence of, individuals who have satisfactorily completed the device manufacturer's training program for portable gauge users and have been designated by the licensee's Radiation Protection Officer. The licensee shall maintain records of the individuals who have been designated as authorized users.
- B. The Radiation Protection Officer for the activities authorized by this license is Robert Andrews.
- 12. 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 specified by the certificate of registration referred to in 10 CFR 32.210.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- C. Sealed sources 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

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- (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 transferred 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.
- D. The leak 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 in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately 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 III, ATTN: Chief, Nuclear Materials Safety Branch, 801 Warrenville Road, Lisle, Illinois 60532-4351. The report shall specify the source involved, the test results, and corrective action taken.
- E. The licensee is authorized to collect leak test samples for analysis by Troxler Electronic Laboratories, Inc. 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.
13. Sealed sources containing licensed material shall not be opened or removed from the gauges by the licensee.
14. When performing tests at temporary job sites, the authorized user shall not leave the moisture/density gauge unattended. Upon completion of tests the device shall be locked in the licensee's vehicle or a secure building to prevent unauthorized use, loss or theft.
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.
16. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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.

COPY

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

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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 May 30, 1995.
- B. Letter dated September 17, 1996.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

September 27, 1996

By

Patricia M. Vacherlon

Materials Licensing Section, Region III

COPY

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 03121
STATUS CODE: 2
FEE CATEGORY: 3P
EXP. DATE: 19950630
FEE COMMENTS:
DECOM FIN ASSUR READY N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: ANDREWS MATERIAL TESTING SERVICES,
RECEIVED DATE: 950602
DOCKET NO: 3031668
CONTROL NO.: 398662
LICENSE NO.: 21-26172-01
ACTION TYPE: RENEWAL

2. FEE ATTACHED
AMOUNT: 720
CHECK NO.: 4716

3. COMMENTS

SIGNED
DATE

D. Hersey
6-6-95

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

1. FEE CATEGORY AND AMOUNT: 3P #680⁰⁰

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

3. OTHER

SIGNED
DATE

SC
6/13/95

Log	<u>June 6 95</u>
Remitter	
Check No.	<u>4716</u>
Amount	<u>(#720) #680 Refunded #40</u>
Fee Category	<u>3P</u>
Type of Fee	<u>Renewal</u>
Date Check Rec'd	<u>6-9-95</u>
Date Completed	<u>6-13-95</u>
By:	<u>SC</u>

LFMS
JUN-9 11 10 59

APPLICATION FOR MATERIAL LICENSE

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO
RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,
SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2900
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,
SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
801 WARRENVILLE RD.
LISLE, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA,
OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH,
WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
☐ B. AMENDMENT TO LICENSE NUMBER _____
☒ C. RENEWAL OF LICENSE NUMBER 21-26172-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)

Andrews Materials Testing Services, Inc.
811 W. State St.
St. Johns, MI 48879

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

at the address listed in item #2 and at
temporary job sites throughout the United
States.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Robert Lee Andrews, Jr.

TELEPHONE NUMBER

(517) 224-2642

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

- a. Element and mass number, b. chemical and/or physical form, and c. maximum amount
which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

9. FACILITIES AND EQUIPMENT

10. RADIATION SAFETY PROGRAM

11. WASTE MANAGEMENT

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 3P

AMOUNT

ENCLOSED \$720.00

13. CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Robert Lee Andrews, Jr.

SIGNATURE

Robert Lee Andrews, Jr.

DATE

5-30-95

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

RECEIVED

JUN 02 1995

398662 JUN 2 1995



Item 5 - Radioactive Material

<u>a.</u> <u>Radioisotope</u>	<u>b.</u> <u>Form</u>	<u>c.</u> <u>Drawing #</u>	<u>d.</u> <u>Maximum Amount</u>
A. Cs-137	Special Form	A-102112	Not to exceed 9mCi per source for up to seven sources
B. Am241:Be	Special Form	A-102451	Not to exceed 44mCi per source for up to seven sources

Item 6 - Material Use

- A. For use in Troxler Model 3400 Series, 4640 Series, 4545 Series, 3565 Series, and 1300 Series portable measuring gauge.
- B. For use in a Troxler Model 3400 Series, or 3216 Series portable measuring gauge.

Item 7 - Radiation Safety Officer

Mr. Robert Andrews, Jr., has been designated as company Radiation Safety Officer. A copy of his Troxler Nuclear Gauge Training Certificate is attached for your review. The duties of the Radiation Safety Officer are specified in Item 10.

Item 8 - Training of Gauge Users

Each person that will operate a nuclear gauge will complete an approved nuclear gauge training course, read and understand radiation safety procedures, and be approved by our Radiation Safety Officer. Copies of each persons training certificate will be maintained on file.

Item 9 - Gauge Storage Area & Monitoring

An attached sketch of the gauge storage area is enclosed. Gauges shall be stored here when not in use. Personal monitoring service will be provided by Troxler Radiation Monitoring Services, on a quarterly basis.



Item 10 - Radiation Safety Program

- A. Mr. Robert Andrews has been designated as company Radiation Safety Officer and will assume the responsibilities and duties that include the following:
1. Will insure that all terms and conditions of the license are being met and that the information contained in the license is up-to-date.
 2. Maintain the records as required by the license and the regulations. These records shall include leak test records, personnel exposure records, and training certificates for all users.
 3. To insure that the equipment has been leak tested in the required timely manner and that the leak test is performed in the manner prescribed by the equipment manufacturer.
 4. Will insure that the equipment is properly secured against unauthorized removal at all times when not in use.
 5. To insure that all users have read and understand the radiation safety operating and emergency procedures.
 6. To insure that the use of the equipment is only by people that have been authorized by himself and that all users shall wear personal monitoring equipment when using the equipment.
 7. To serve as a point of contact and give assistance in case of an emergency; such as equipment damaged in the field, in transport, or stolen and to contact the proper authorities in case of an emergency.
- B. Transportation procedures of equipment shall include that:
1. The gauge will be transported in the approved, properly labeled carrying case.
 2. During transport, the operator shall have a properly completed Bill of Lading, copy of Source Certificate, copy of a Type A Package Certification, and instruction manual for each gauge being transported.
 3. All possible means shall be provided to insure that the equipment is secured in the transporting vehicle and the equipment is away from the passenger compartment. When transporting in an enclosed vehicle, the vehicle shall be locked. When transporting in an open bed vehicle, the gauge shall be locked and securely fastened to the truck.



Item 10 - Radiation Safety Program (Continued)

C. Utilization procedures of equipment shall include that:

1. When the gauge is in the field, the authorized user must maintain control over the unit at all times and never leave the gauge unattended.
2. When using the gauge, the operator will wear the personal monitoring device assigned to them. When not using the equipment, the operators monitoring device shall be stored in a radiation free area that has been designated in the office.
3. When not performing test in the field, the gauge should be placed in the approved transportation case and returned to the permanent storage area as soon as possible.

D. Maintenance and leak test procedures shall include:

1. Periodic cleaning of the gauge. During any maintenance the operators personal radiation monitoring device shall be worn.
2. The leak test shall be performed using the manufacturer's instructions and leak test equipment. Personal monitoring devices shall be worn while performing the test. Leak test on each gauge shall be performed at intervals not to exceed six (6) months.

E. Emergency procedures in the event of physical damage to the gauge shall be as follows:

1. Cordon off the area around the gauge. An area radius of fifteen feet is a minimum.
2. If the gauge is in transport, the vehicle must be stopped until the extent of damage to the gauge, if any, can be established.
3. A visual examination of the gauge is to be performed to determine if the source housing and or shielding has been damaged.
4. Contact the Radiation Safety Officer (Bob Andrews) at the earliest possible time when the situation is under control. Describe the current condition of the gauge and follow the instructions of the Radiation Safety Officer.

F. Emergency procedures in the event a gauge is lost or stolen:

1. Notify the Radiation Safety Officer immediately.

Item 11 - Waste Management

- A. Disposal of the gauge will be to transfer to another facility specifically licensed for the material; or returned to the manufacturer of the gauge. Records of the transfer shall be maintained on file.

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

ROBERT LEE ANDREWS, JR.

of

STS CONSULTANTS, LTD.

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

1. Principles and practices of radiation protection.
2. Leak testing procedures.
3. Mathematics and calculations basic to the use and measurement of radioactivity.
4. Biological effects of radiation.
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation.
8. General safety precautions.

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

Michael E. Hanley
INSTRUCTOR

1/20/83

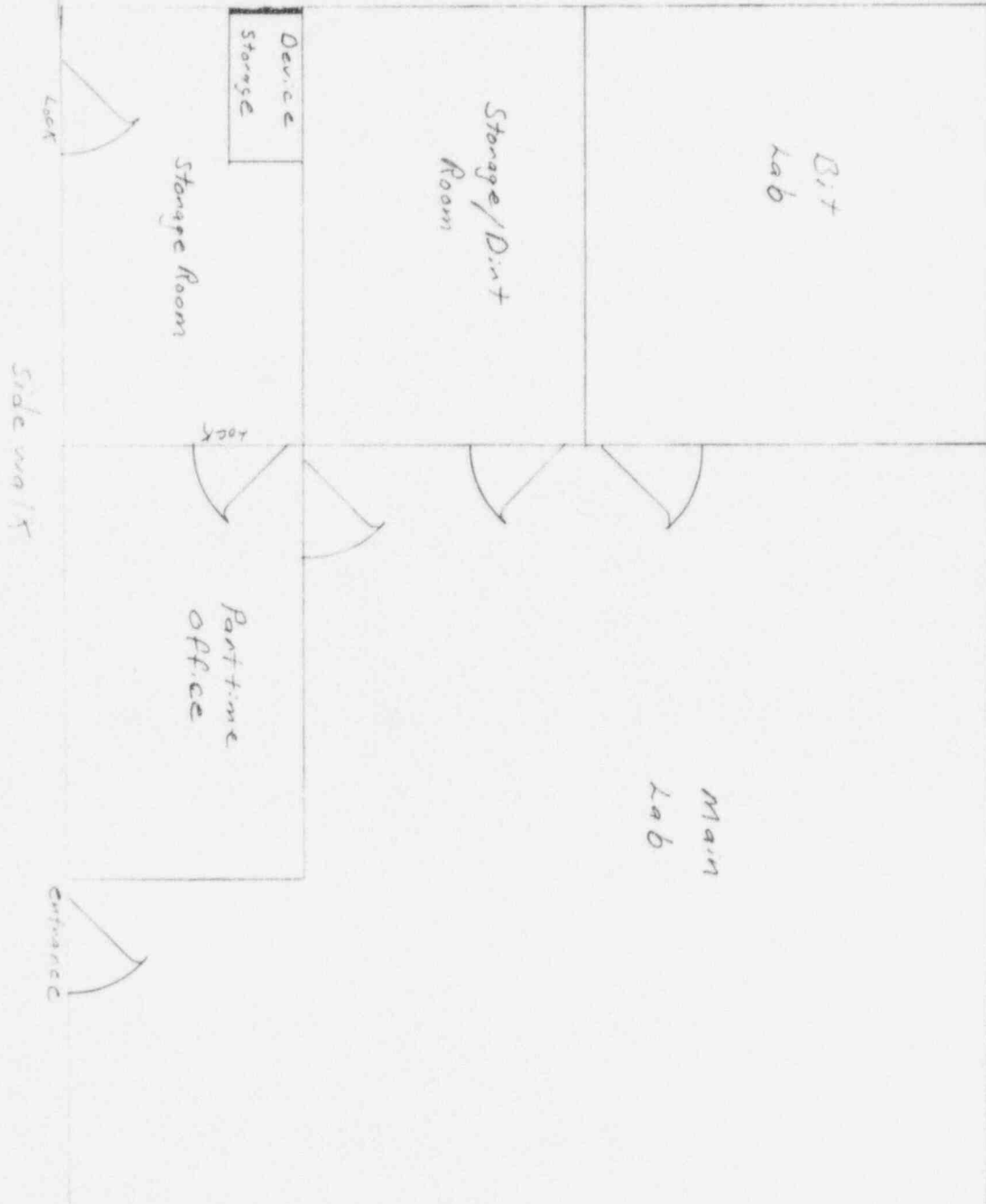
DATE

W.F. TROXLER

PRESIDENT

Nº 01199

another Building Tenant



**DIVISION OF ACCOUNTING AND FINANCE
REQUEST FOR REFUND TO EMPLOYEE/VENDOR**

THE EMPLOYEE/VENDOR IDENTIFIED BELOW HAS OVERPAID THE NUCLEAR REGULATORY COMMISSION FOR GOODS AND/OR SERVICES PROVIDED AND IS DUE A REFUND

EMPLOYEE/VENDOR/PAYEE CODE: _____

NAME: Andrews Material Testing Services, Inc.

ADDRESS: Attn: Robert Lee Andrews, Jr.

ADDRESS: 811 W. State Street

CITY: St. Johns, STATE: MI ZIP: 48879

TRANS CODE: PX

TRANS TYPE: FE FUND: X5280 JOB CODE: _____ AMOUNT: \$40.00

TRANS TYPE: IR FUND: R1435 JOB CODE: INTR AMOUNT: _____

TRANS TYPE: IR FUND: R1099 JOB CODE: ADCH AMOUNT: _____

TRANS TYPE: IR FUND: R1099 JOB CODE: FINE AMOUNT: _____

TOTAL REFUND AMOUNT: \$40.00

COMMENTS: Lic 21-26172-01 Ren Fee Rfnd

CK # 4716

(limit comments to 40 characters, including spaces)

PREPARED BY: Shirley Cristfield DATE: 6/14/95

AUTHORIZED BY: Cheryl R. Phillips DATE: 6/15/95

ORIGINAL INV. NO: _____ DATE PAID: _____ AMOUNT: _____

REFUND ENTERED INTO COLLECT BY: _____

REFUND DETERMINED BY: _____ DATE: _____

PLEASE ATTACH APPROPRIATE SUPPORTING DOCUMENTATION

SEP 27 1996

Robert L. Andrews, Jr.
Radiation Safety Officer
Andrews Material Testing Services, Inc.
811 W. State Street
St. Johns, MI 48879

Dear Mr. Andrews:

Enclosed is Amendment No. 02 renewing your NRC Material License No. 21-26172-01 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 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. Notify NRC, in writing, within 30 days:
 - a. When Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
 - b. When the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same).
3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
 - a. When you decide to terminate all activities involving materials authorized under the license; or
 - b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material.

4. Request and obtain a license amendment before you:
- Change Radiation Safety Officers;
 - Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
 - Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - Change ownership of your organization.
5. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

Original Signed by
Patricia M. Vacherlon
Nuclear Materials Licensing Section

License No. 21-26172-01
Docket No. 030-31668

Enclosures:

- Amendment No. 02
- NRC Forms 3 and 313

DOCUMENT NAME: M:\03031668.CL6

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	DRSS/RIII								
NAME	PVacherlon:sjd								
DATE	9/27/96								

OFFICIAL RECORD COPY



September 17, 1996

U.S. NRC
Region III
801 Warrenville Road
Lisle, IL 60532-4351

ATTENTION: Ms. Patricia M. Vacherlon

RE: #398662

Dear Ms. Vacherlon:

In regards to your letter dated August 21, 1996, here is our response:

1. None of the gauges specified in our application can penetrate the ground to depths of greater than three (3) feet.
- 2a. Management and RSO are same person, Robert Lee Andrews, Jr., so there is full commitment.
- b. All mailings from the NRC are checked for date published or revised, and all the latest revisions are kept. All mailings are reviewed for other materials that are referred to that have to be ordered.
- c. The RSO's duties and responsibilities will be those listed in Appendix C of regulatory guide DG-0008.
- d. Management/RSO

Certified Operator	Certified Operator	Certified Operator
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3. Emergency procedures are reviewed periodically on a as needed basis, not to exceed once every year. Operating and handling procedures are reviewed at the start of every construction season.
4. Our survey meter is a Troxalert meter. This meter is maintained at 811 West State Street, St. Johns, Michigan. Temporary job sites, where our nuclear density meters are used, are at the most two and one half (2½) hours drive from our office. Also, other companies with meters that would be closer than our meter can be called upon for assistance if an emergency should arise.
5. All cleaning and maintenance is performed with the source rod in the safe position. Any maintenance that would require the removal of the source rod is done by the manufacturer.

RECEIVED

SEP 23 1996

REGION III

SEP 23 1996

1102 West M-21, St. Johns, MI 48879 • (517) 224-2642

pm, 9-18-96

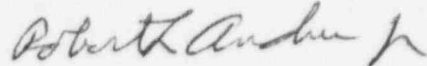
September 17, 1996
U.S. NRC
Page 2 of 2

6. Inventory on our five nuclear density devices is done officially once every six (6) months. Un-officially we know where every device is located at any time.
7. Our program is audited on an annual basis in-house. If deficiencies are found, then an out-side consultant is considered to come in and review our program.

If you should have need of any additional information, please contact us.

Respectfully,

ANDREWS MATERIAL TESTING SERVICES, INC.



Robert L. Andrews, Jr.
President/RSO

RLA/mea

File

AUG 21 1996

Robert Lee Andrews, Jr.
Radiation Safety Officer
Andrews Material Testing
Services, Inc.
811 W. State Street
St. Johns, MI 48879

Dear Mr. Andrews:

We have reviewed your May 30, 1995, request for renewal of License No. 21-26172-01, and find that in order to complete our review, we will need additional information as follows:

1. PURPOSE FOR WHICH MATERIAL WILL BE USED

OK State whether any of the gauges specified in your application can penetrate the ground to depths greater than three feet. If so, you must provide additional operating and handling procedures. Refer to Item 6 of the enclosed guide.

2. RADIATION SAFETY OFFICER

Refer to the Item 7 of the enclosed guide and provide us with:

- OK
- a. A commitment from management that the RSO is authorized to stop unsafe operations.
 - b. Methods and checks to assure that you have all up-to-date regulations, etc.
 - c. Compare the RSO duties submitted to those outlined in the guide. Please add any additional information not contained in your original submittal.
 - d. Submit an organizational chart as described in the guide.

3. TRAINING PROVIDED TO OTHER USERS

OK Provide a commitment that you will conduct annual refresher training for you employees and the training will cover the topics outlined in the enclosed guide.

AUG 21 1996

4. RADIATION DETECTION INSTRUMENTS

OK Provide the information regarding an operating survey instrument at each job site. Refer to Item 10.2 in the enclosed guide for the type of information you should submit to us.

5. MAINTENANCE

OK Describe your maintenance procedures with particular emphasis on source shielding if you remove or extend the source during maintenance procedures. Refer to Item 10.5 of the enclosed guide.

6. INVENTORIES

OK Provide a commitment that you will conduct inventory at no less than 6 month intervals to account for all gauges in your possession. Refer to Item 10.4 of the enclosed guide.

7. ANNUAL AUDIT

OK Provide us with a commitment that you will conduct annual audits of your program. Refer to Item 10.8 of the enclosed guide.

We will continue our review of your application upon receipt of this information. Please reply in duplicate, within 30 days, and refer to Control Number 398662.

If you have any questions or require clarification on any of the information stated above, you may contact us at (630) 829-9887.

Sincerely,

Original Signed By
Patricia M. Vacherlon
License Reviewer

License No. 21-26172-01
Docket No. 030-31668

Enclosure: Portable Gauge Guide DG-0008

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OFFICE	DNMS/RIII								
NAME	PMVacherlon:brt								
DATE	08/21/96								

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June 7, 1995

Andrews Material Testing Services
ATTN: Robert Andrews
Radiation Safety Officer
811 West State Street
St. Johns, MI 48879

SUBJECT: LICENSE RENEWAL APPLICATION

Dear Mr. Andrews:

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Any correspondence regarding the renewal application should reference the control number specified and your license number.

Sincerely,

Original Signed By
Marianne Meenan, Chief
Nuclear Materials Support Section

License No.: 21-26172-01
Control No.: 398662

DOCUMENT NAME: M:\03031668.DT5

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NAME	MMEENAN:jaw <i>mm</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DATE	06/17/95	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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