

VOID SHEET

TO: License Fee Management Branch
FROM: RTI / P. Vacheron
SUBJECT: VOIDED APPLICATION

Control Number: 89530
Applicant: City of Kirksville
Date Voided: 6/27/90
Reason for Void: _____

Combined with renewal prior to review.

P. Vacheron 6/27/90
Signature Date

Attachment:
Official Record Copy of
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

- Refund Authorized and processed
- No Refund Due
- Fee Exempt or Fee Not Required

Comments: _____

Log completed
Processed by: CP

RECEIVED
90 JUL 23 08:16
U.S. MAIL
LIC FEE MGMT BR

ML30

BETWEEN:
LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
: PROGRAM CODE: 03121
: STATUS CODE: 0
: FEE CATEGORY: EX 3P
: EXP. DATE: 19900831
: FEE COMMENTS: -----
:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: KIRKSVILLE, CITY OF
RECEIVED DATE: 900604
DOCKET NO: 3017623
CONTROL NO.: 389530
LICENSE NO.: 24-18995-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED
AMOUNT: -----
CHECK NO.: -----

3. COMMENTS

SIGNED P. Kettluff
DATE 6/16/90

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN LISTED FEES ENTERED)

1. FEE CATEGORY AND AMOUNT: EX 3P **FEE EXEMPT**

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

3. OTHER -----

SIGNED Rita Jacques
DATE 6/12/90

09407



City of Kirksville, Missouri
All-Missouri Certified City

June 1, 1990

U.S. Nuclear Regulatory Commission
Attention: Bruce S. Mallett, Ph.D., Chief
Nuclear Materials Safety Branch
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Mallett:

The City of Kirksville, Missouri Engineering Department is requesting an amendment change to our Material License as of April 23, 1990. The license number is 24-18995-01, and the expiration date is August 31, 1990.

The amendment we would like to make is to Item 12 of the General Conditions, due to the resignation of Richard Allen Imhof on March, 20 1989. I, Michael Leavitt, have completed the manufacturer's training program for the use of our gauge. I have also been designated by the City of Kirksville as their Radiation Protection Officer. A copy of my certificate is attached to this amendment, and this notice will be attached to our Material License.

If you have any questions or comments, please do not hesitate to contact me immediately.

Sincerely,

Michael F. Leavitt
Engineering Technician II

Log	June 14
Remitter	III
Check No.	
Amount	
Fee Category	EX 3P
Type of Fee	
Date Check Rec'd.	6/12/90
Date Completed	Reg
City	

U.S. NRC
FEE
90 JUN -8 P2:42

RECEIVED
JUN 04 1990
REGION III

FEE EXEMPT
170.11(a)(9)

JUN 04 1990

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

MICHAEL LEAVITT

of

CITY OF KIRKSVILLE

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:

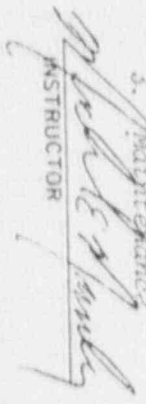
Radiological Safety

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. Accidents 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

INSTRUCTOR



02/09/88

DATE

W. F. Troxler

PRESIDENT

Nº 20472

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, 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.

<p style="text-align: center;">Licensee</p> <p>1. City of Kirksville City Engineer</p> <p>2. 201 S. Franklin Kirksville, MO 63501</p>	<p>In accordance with application dated June 4, 1990</p> <p>3. License number 24-18995-01 is renewed in its entirety to read as follows:</p>
	4. Expiration date August 31, 1995
	5. Docket or Reference No 030-17623

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 source (Troxler Dwg. No. A-102112)	A. Five sources not to exceed 10 millicuries each
B. Americium-241	B. Sealed source (Troxler Dwg. No. A-102451)	B. Five sources not to exceed 50 millicuries each

9. Authorized Use

A. and B. To be used in Troxler Model 3400 Series surface moisture/density gauges.

CONDITIONS

10. Licensed material may be stored at 201 S. Franklin Street, Kirksville, Ohio and may be used 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 be used by, or under the supervision and in the physical presence of, individuals who have completed a gauge manufacturer's training course 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.
12. The Radiation Protection Officer for the activities authorized by this license is Michael F. Leavitt.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number	24-18995-01
Docket or Reference number	030-17623
Amendment No.	03

13. A. (1) The source(s) specified in Item(s) 7.A. and 7.B. shall be tested for leakage and/or contamination at intervals not to exceed 6 months. 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.
- (2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
- B. Any source in storage and not being used need not be tested. When the source 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 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 III, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, ATTN: Chief, Nuclear Materials Safety Branch. 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 Troxler 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. Sealed sources containing licensed material shall not be opened or removed from the gauge by the licensee.
15. 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.
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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number	24-18995-01
Docket or Reference number	030-17623
Amendment No.	03

- 18. The licensee shall maintain records of information important to safe and effective decommissioning at the location listed in item 2 of this license per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
- 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 June 4, 1990; and
 - B. Letter dated June 1, 1990.



For the U.S. Nuclear Regulatory Commission

Date: July 2, 1990

Original Signed
By Patricia M. Vacherlon
Materials Licensing Section, Region III
COPY

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, 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.

<p>Licensee</p> <p>1. City of Kirksville City Engineer</p> <p>2. 201 S. Franklin Kirksville, MO 63501</p>		<p>In accordance with application dated June 4, 1990</p> <p>3. License number 24-18995-01 is renewed in its entirety to read as follows:</p>	
		4 Expiration date	August 31, 1995
		5. Docket or Reference No	030-17623
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 source (Troxler Dwg. No. A-102112)	A. Five sources not to exceed 10 millicuries each	
B. Americium-241	B. Sealed source (Troxler Dwg. No. A-102451)	B. Five sources not to exceed 50 millicuries each	

9. Authorized Use

A. and B. To be used in Troxler Model 3400 Series surface moisture/density gauges.

CONDITIONS

10. Licensed material may be stored at 201 S. Franklin Street, Kirksville, Ohio and may be used 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 be used by, or under the supervision and in the physical presence of, individuals who have completed a gauge manufacturer's training course 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.
12. The Radiation Protection Officer for the activities authorized by this license is Michael F. Leavitt.

COPY *HL30W*

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

24-18995-01

Docket or Reference number

030-17623

Amendment No. 03

13. A. (1) The source(s) specified in Item(s) 7.A. and 7.B. shall be tested for leakage and/or contamination at intervals not to exceed 6 months. 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.
- (2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
- B. Any source in storage and not being used need not be tested. When the source 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 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 III, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, ATTN: Chief, Nuclear Materials Safety Branch. 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 Troxler 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. Sealed sources containing licensed material shall not be opened or removed from the gauge by the licensee.
15. 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.
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.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number	24-18995-01
Docket or Reference number	030-17623
Amendment No. 03	

- 18. The licensee shall maintain records of information important to safe and effective decommissioning at the location listed in item 2 of this license per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
- 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 June 4, 1990; and
 - B. Letter dated June 1, 1990.



For the U.S. Nuclear Regulatory Commission

Date: July 2, 1990

Original Signed
By Patricia M. Vacherlon
Materials Licensing Section, Region III
COPY

JUL 16 1990

City of Kirksville
City Engineer
ATTN: Michael F. Leavitt
Radiation Safety Officer
201 Franklin Street
Kirksville, MO 63501

Gentlemen:

Enclosed is Amendment No. 03 renewing your NRC License No. 24-18995-01 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. You must conduct your program involving radioactive 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. Possess radioactive material only in the quantity and form 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.
5. Request and obtain appropriate amendment if you plan to change 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. Any amendment request should be accompanied by the appropriate fee 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 will receive a reminder notice approximately 90 days before the expiration date. 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 prior to your expiration date.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations in your license application will result in enforcement action against you in accordance with the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

If you have any questions or require clarification of any of the above stated information, contact us at (708) 790-5625.

Sincerely,

Original Signed By
Patricia M. Vacherlon
Materials Licensing Section

Enclosures:

1. Amendment No. 03
2. New License Package

RTH
P. M. Vacherlon
Wacherlon/gd
07/2/90

(FOR LFMS USE)

INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 03121
STATUS CODE: 2
FEE CATEGORY: EX 3P
EXP. DATE: 19900831
FEE COMMENTS:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: KIRKSVILLE, CITY OF
RECEIVED DATE: 900611
DOCKET NO: 3017623
CONTROL NO.: 389587
LICENSE NO.: 24-18995-01
ACTION TYPE: RENEWAL

2. FEE ATTACHED

AMOUNT: \$
CHECK NO.: 1

3. COMMENTS

SIGNED P. Sittler
DATE 6-13-90

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

1. FEE CATEGORY AND AMOUNT: -----

FEE EXEMPT

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR: 2016 (9) (9)

AMENDMENT -----
RENEWAL -----
LICENSE -----

3. OTHER -----

SIGNED C. G. / 19/90
DATE -----

3+7



City of Kirksville, Missouri
All-Missouri Certified City

June 8, 1990

U.S. Nuclear Regulatory Commission, Region III
Materials Licensing Section
799 Roosevelt Road
Glen Ellyn, IL 60137

ATTENTION: Materials Licensing Section

Gentlemen:

In response to the Nuclear Regulatory Commission's letter dated May 1, 1990, SUBJECT: Notice of Expiration, with reference to License NO. 24-18995-01, we are requesting renewal of our license.

Enclosed is our complete NRC Form 313, Application for Material License, for your review.

Sincerely,

Walter Davison, P.E.
City Engineer

WD:tjz

Enclosures

U.S. NUCLEAR REGULATORY COMMISSION

RECEIVED

90 JUN 15 P2:32

RECEIVED
JUN 11 1990
REGION III

FREE EXEMPT

JUN 11 1990

CITY HALL 201 SOUTH FRANKLIN KIRKSVILLE, MISSOURI 63501 TELEPHONE 816-627-1272

CONTROL NO. 89587

APPLICATION FOR MATERIAL LICENSE

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.

APPLICATIONS FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY, NMSS
WASHINGTON, DC 20555

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:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIALS SAFETY SECTION B
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
NUCLEAR MATERIALS SAFETY SECTION
101 MARIETTA STREET, SUITE 2000
ATLANTA, GA 30333

IF YOU ARE LOCATED IN:

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
790 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
NUCLEAR MATERIALS SAFETY SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

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 JURISDICTION.

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

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER
- C. RENEWAL OF LICENSE NUMBER: 24-18995-01

2. NAME AND MAILING ADDRESS OF APPLICANT (include Zip Code):

City Engineer
City of Kirksville
201 S. Franklin
Kirksville, MO 63501

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

Storage of device will be at the location given in item #2 of this application and will be used at temporary job sites anywhere NRC maintains jurisdiction.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION:
Walter Davison, City Engineer

TELEPHONE NUMBER
816-627-1272

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2" 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 AND 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)
Section 170.11 (a) AMOUNT ENCLOSED \$ N/A
FEE CATEGORY (9) Exemption

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, 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.

SIGNATURE - CERTIFYING OFFICER	TYPED/PRINTED NAME	TITLE	DATE
<i>Walter Davison</i>	Walter Davison	City Engineer	6/4/90

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNTS
Renewal	June 1990	EX-30	170.11(a)(9)

FOR NRC USE ONLY
FEE EXEMPT

APPROVED BY: *df* 6/19/90

RECEIVED
DATE: JUN 11 1990

APPLICATION FOR MATERIAL LICENSE (Con't.)

5. RADIOACTIVE MATERIAL

Element and Mass Number	Chemical and/or Physical Form	Name of Manufacturer and Model Number	Maximum Number of Millicuries and/or Sealed Sources and Maximum Activity Per Source Which Will be Possessed at any one time.
Cs 137	Sealed Source	Troxler Drawing #A-102112	No Source to exceed 8.9 mCi
Am241:Be	Sealed Source	Troxler Drawing #A-102451	No Source to exceed 40 mCi

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

Used in the Troxler 3400 Series Moisture-Density gauge to measure moisture and density of construction materials.

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

Michael F. Leavitt
 Completion of the Troxler Electronic Laboratories, Inc.
 Training Course For The Use of Nuclear Testing Equipment, presented at the Holiday Inn in Columbia, Missouri on 02-09-88, Michle Nanly, Instructor.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

It is hereby stated that all employees, who will use our device, will be required to successfully complete the device manufacturer's training program. The records documenting the training of each employee will be maintained for two (2) years from the date the training was completed.

9. FACILITIES AND EQUIPMENT.

Our Gauge will be stored in its approved manufacturer's storage case inside and locked storage room.

10. RADIATION SAFETY PROGRAM.

In our operation we will be using a film badge type of monitoring device, checked on a monthly basis. The Radiation Office will be responsible for all personnel monitoring records and enforce mandatory wearing of badges by personnel.

The Radiation Officer will report any overexposure of operators, which exceeds the limits given in 10 CFR part 20, and also detail circumstances of the exposure and possible injury.

The Radiation Officer, specified in Item 7 of this application will be responsible for taking leak-test samples.

Leak-tests will be taken at six (6) month intervals using a Model 3880 Leak Test Kit supply by:

Troxler Electronic Laboratories, Inc. and Subsidiary
Troxler International, Ltd.
P. O. Box 12057
Research Triangle Park, N.C. 27709, USA

Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.

Transportation and packaging of our device will be carried out in accordance with applicable (DOT) Department of Transportation requirements. Each individual who uses the device will be provided with written operating and emergency procedures.

Our procedures are titled:

- 1) Radiation Protection Officer (His responsibilities)
- 2) Handling Procedures
- 3) Personnel Monitoring
- 4) Emergency and Security Procedures

and contain the following topics:

- 1) Use of Personnel Monitoring
- 2) Use of the Device
- 3) Storage of the Device
- 4) Transportation
- 5) Leak-Testing
- 6) Emergency Procedures

11. WASTE MANAGEMENT

Disposal of licensed material will be by transfer of the radioactive material to a licensee specifically authorized to process it.