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U.S. NUCLEAR REGULATORY COMMISSION
APPROVED BY OMB
3150-0120 Expires: 6-30-90

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: IF YOU ARE LOCATED IN: U.S. NUCLEAR REGULATORY COMMISSION DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS WASHINGTON, DC 20656 ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: U.S. NUCLEAR REGULATORY COMMISSION, REGION III MATERIALS LICENSING SECTION 799 ROOSEVELT ROAD GLEN ELLYN, IL 60137 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO: 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 I NUCLEAR MATERIALS SAFETY SECTION B 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406 U.S. NUCLEAR REGULATORY COMMISSION, REGION IV MATERIAL RADIATION PROTECTION SECTION 611 RYAN PLAZA DRIVE, SUITE 1000 ARLINGTON, TX. 76011 ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENMESSEE, VIRGINIA, VIRGIN ISLANDS, OR ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS WEST VIRGINIA. SEND APPLICATIONS TO: U.S. NUCLEAR REGULATORY COMMISSION, REGION II NUCEAR MATERIALS SAFETY SECTION 101 MARIETTA STREET, SUITE 2900 ATLANTA, GA 30323 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. THIS IS AN APPLICATION FOR (Check appropriate item) 2 NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code) A. NEW LICENSE Town of Leesburg B. AMENDMENT TO LICENSE NUMBER 10 W. Loudoun Street C. RENEWAL OF LICENSE NUMBER 45-18256-01 XX Leesburg, Va. 22075 3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED 10 W. Loudoun Street, Leesburg, Virginia 22075 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION TELEPHONE NUMBER (703) 777-8733 Robert H. Lilly SUBMITITEMS 5 THROUGH 11 ON 8% x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE 5. RADIOACTIVE MATERIAL 6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. chemical and/or physical form, and c. maximum amount Element and mass number, b. chem which will be possessed at any one time. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE. 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS. 10 RADIATION SAFETY PROGRAM 8 FACILITIES AND EQUIPMENT 12 LICENSEE FEES (See 10 CFR 170 and Section 170.31 AMOUNT 11 WASTE MANAGEMENT FEE CATEGORY ENCLOSED \$ 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. 9-13-88 Chief Inspector Robert H. Lilly

8910100164 881004 REG2 LIC30 45-18256-01 PD PDR

FOR NRC USE ONLY

for fee popo per 410/88 application. APPROVEDBY COMMENTS TYPE OF FEE FEE CATEGORY DATE AMOUNT RECEIVED CHECK NUMBER

5. Cesium 137 - Sealed source (Troxler drawing No. A-102112) - 1 source of 8 millicuries Americium 241:BE - Sealed source (Troxler drawing No. A-102451) -1 source of 40 millicuries 6. To be used in a Troxler Electronic Laboratories, Inc. Model 3411 portable gauge to measure moisture and surface density of materials. 7. Robert H. Lilly is responsible for the radiation safety program. He has been trained in a State Certified program given by the Va. Dept. of Highways in their inspector training program. Received a Certificate of Qualification for Nuclear Testing from Virginia Department of Transportation on August 28, 1973. In further training was certified by Troxler Electronic Laboratories, Inc. on March 18, 1982 in Radiological Safety and Gauge Operation. Copy included with this application. 8. The only other person authorized to use the Troxler gauge is Ralph M. Welliver. He is certified by Atec Associates, Inc., as having been trained in the use of nuclear testing equipment in accordance

with Nuclear Regulatory Commission license no. 19-19822-01. Copy included with this application.

Any new employees or persons authorized to use the gauge would at a minimum have to complete the manufacturers training program before being permitted to operate the device.

9. The gauge will be at all times kept in a locked storage closet unless physically in the presence of the users. The storage area has been inspected by an N.R.C. inspector and does not represent any danger to life or property. See attached sketch.

## 10. Radiation Safety Program

We use film badges on a monthly exchange provided by R.S. Landauer, Jr., Company, Glenwood Science Park, Glenwood, Illinois 60425-1586.

Leak tests will be taken with a Troxler 3880 Leak Test Kit, Troxler Electronic Laboratories, Research Triangle Park, North Carolina 27709 License # N.C. 032-182-1

The leak tests will be taken by Robert H. Lilly.

Any cleaning or maintenance will be done only with the source safely shielded.

Shipping and transport will be carried out in accordance with applicable D.O.T. regulations.

Any person who uses the Troxler gauge will be provided with written operating and emergency procedures. These will include the following topics:

- 1. Use of personnel monitoring
- 2. Use of the device
- 3. Storage of the device
- 4. Transportation
- 5. Leak testing will be performed by R.H. Lilly
- 5. Emergency procedures
- 11. The device will be disposed of only by transfer to a licensee specifically authorized to possess it.
- 12. The Town of Leesburg is a government agency and therefore is exempt under the fee schedule.

MILKING The second of the second

# VIEC Associates, Inc.

# HEREBY CERTIFIES THAT

# RALPH MARTIN WELLIVER

HAS SUCCESSFULLY COMPLETED THE NUCLEAR SAFETY & GAUGE USAGE TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT IN ACCORDANCE WITH NUCLEAR REGULATORY COM-MISSION LICENSE NO. 19-19822-01. SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS

# Radiological Safety

 Principles and practices of radiation protection.

- 2. Leak testing procedures.
- Mathematics and calculations basic to the use and measurement of
- radioactivity.

  4. Eiological effects of radiation.
- Radioactivity measurement standardization and monitoring techniques and instruments.
- . Accident and incident procedures.
  . Procedures for nuclear gauge storage and transportation.
  - 3. General safety precautions.

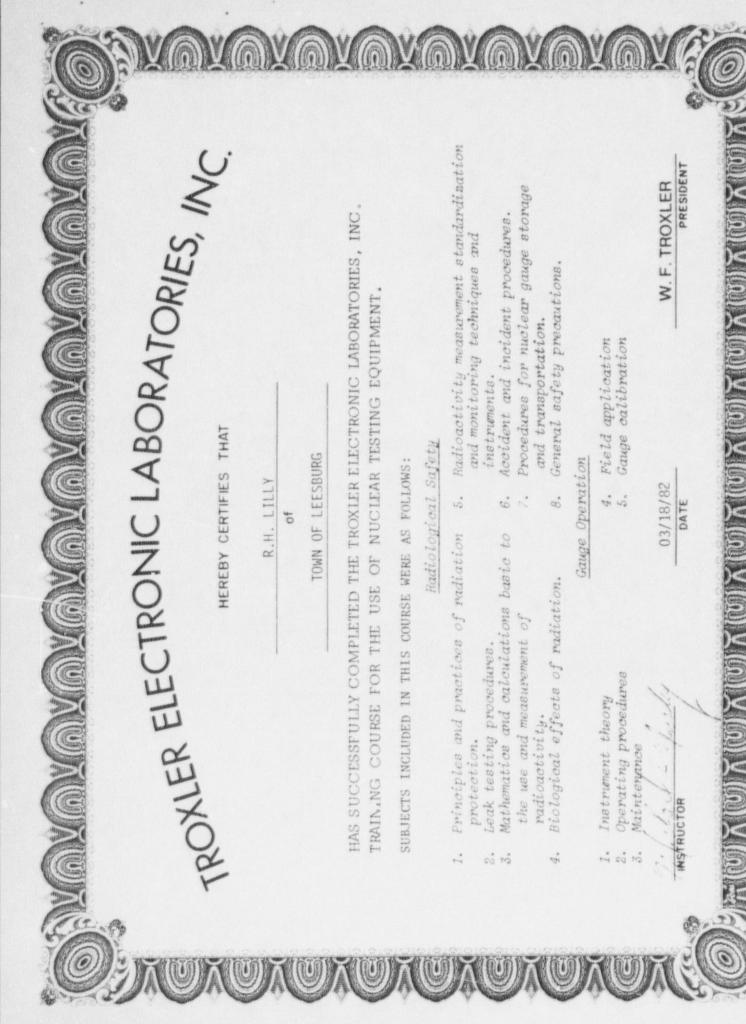
# Gauge Operation

- 3. Field applications
- 4. Field maintenance

Instrument theory Operating procedures atterns Maney Instructor

6/20/87 DATE

RADIATION SAFETY OFFICER



Wited States Department of Commerce National Bureau of Standards

GWJAN

Certificate of Accreditation

R. S. LANDAUER, JR. & COMPANY Glenwood, Illinois

for satisfactory compliance with criteria established in Title 15, Part 7 Code of Federal Regulations for: is recognized under the National Voluntary Laboratory Accreditation Program providing specific Personnel Radiation Dosimetry Processing Services



Effective until October 1, 1988

For the National Bureau of Standards

R. S. Landauer, Jr. & Co.

Division of Tech/Ops, Incorporated

2 Science Road Glenwood, Illinois 60425-1586 Telephone (312) 755-7000



October 13, 1986

Subject: Second NVLAP Accreditation

Dear Client:

On the reverse, we have reproduced our "Certificate of Accreditation" from the National Bureau of Standards through its National Voluntary Laboratory Accreditation Program (NVLAP). In response to State and NRC regulatory needs, this accreditation program was established as a way of recognizing the competence of suppliers of personnel radiation dosimetry services.

While many of our competitors are still struggling to get completely through first tests, R. S. Landauer, Jr. & Company is pleased to receive this accreditation for the second time, now through 1988. Upon seeing this certificate you and your employees will know your radiation protection program is backed by a competent personnel dosimetry system!

Participation in this accreditation program is open to any processor of radiation dosimeters. Our participation was based on a continuing policy to demonstrate leadership in personnel radiation dosimetry; and to assure our clients that they are receiving high quality service.

Landauer will continue to participate in many other sophisticated independent testing programs as further proof of our excellence; and as a demonstration that our services exceed the scope and requirements of the NVLAP accreditation.

Thank you,

R. S. LANDAUER, JR. & COMPANY DIVISION OF TECH/OPS, INC

Thomas M. Fulton, Vice President

& General Manager



Gentlymen.

# UNITED STATES NUCLEAR REGULATORY COMMISSION REGION II 101 MARIETTA STREET, N.W. ATLANTA, GEORGIA 30303

80

Town of Leesburg ATTN: Robert H. Lilly PO Box 88 Leesburg, VA 22075

SUBJECT: REQUEST FOR RESUBBITTAL LT RENEWAL APPLICATION
REFERENCES:
(1) Cornespondence dated August 5, 1988
(2) License No. 45-18256-01
(3) Guide(s)Guide for the Preparation of Applications
-for licenses for the Use of Sealed Sources in
Portable Gauging Devices, Task FC 407-4
(4) Mail Control 252354
This refers to your correspondence (Reference 1 above) requesting the renewal of your material license (Reference 2).
Since the Nuclear Regulatory Commission issues material licenses for five year periods, the renewal application should be complete in all respects and reflect your program at the time of the renewal. Therefore, you are requested to submit
a complete up-to-date application, without reference to any previously submitted information, supplying all of the information outlined in the guide (Reference 3).

Sincerely,

Nuclear Materials Safety Section Division of Radiation Safety and Safeguards



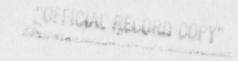
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# UNITED STATES NUCLEAR REGULATORY COMMISSION

REGION II 101 MARIETTA STREET, N.W. ATLANTA, GEORGIA 30303

SEP 0 1 1988

Town of Leesburg ATTN: Robert H. Lilly PO Box 88 Leesburg, VA 22075



Gent remen.
SUBJECT: REQUEST FOR RESUBMITTAL OF RENEWAL APPLICATION .
REFERENCES:
(1) Correspondence dated August 5, 1988
(2) License No. 45-18256-01
(3) Guide(s)Guide for the Preparation of Applications
Portable Gauging Devices, Task FC 407-4
(4) Mail Control 252354
This refers to your correspondence (Reference 1 above) requesting the renewal of your material license (Reference 2).
Since the Nuclear Regulatory Commission issues material licenses for five year periods, the renewal application should be complete in all respects and reflect your program at the time of the renewal. Therefore, you are requested to submit

We will continue our review upon receipt of the completed application, in duplicate, as indicated above. Please refer to your assigned mail control number (Reference 4) in your reply. Your current license will not expire until final action has been taken on the license renewal.

a complete up-to-date application, without reference to any previously submitted

information, supplying all of the information outlined in the guide

Sincerely,

Nuclear Materials Safety Section Division of Radiation Safety and Safeguards

(Reference 3).



# UNITED STATES NUCLEAR REGULATORY COMMISSION REGION II 101 MARIETTA STREET, N.W.

ATLANTA GEORGIA 30323

AUG 3 0 1988

Town of Leesburg ATTN: Robert H. Lilly PO Box 88 Leesburg, VA 22075

> Docket No. 030-14738 License No. 45-18256-01 Control No. 252354

COFFICIAL RECORD COPY

Gentlemen:

SUBJECT: LICENSE RENEWAL APPLICATION

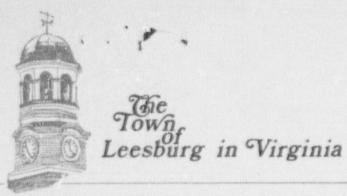
This is to acknowledge receipt of your application for renewal of the nuclear material license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

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

Sincerely.

Nuclear Materials Safety Section Division of Radiation Safety and Safeguards

(FOR LFMS USE) INFORMATION FROM LTS and the sent call and the sent can sent con one can be set on the sent con one can BETWEEN: PROGRAM CODE: 03121 LICENSE FEE MANAGEMENT BRANCH, ARM : STATUS CODE: 2 AND : FEE CATEGORY: EX 3P REGIONAL LICENSING SECTIONS : EXP. DATE: 19880930 : FEE COMMENTS: \_\_\_\_ LICENSE FEE TRANSMITTAL A. REGION 1) 1. APPLICATION ATTACHED APPLICANT/LICENSEE: LEESBURG, TOWN OF RECEIVED DATE: 880815 3014738 DOCKET NO: CONTROL NO.: 252354 LICENSE ND.: 45-18256-01 ACTION TYPE: RENEWAL 2. FRE ATTACHED AMOUNT: ---CHECK NO.: 3. COMMENTS SIGNED \_ DATE B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHE 1. FEE CATEGORY AND AMOUNT: \_\_ 2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR: RENEWAL LICENSE 3. OTHER DATE



15 WEST MARKET STREET \* POST OFFICE BOX 88 \* 22075 \* 703-777-2420

August 5, 1988

U.S. Nuclear Regulatory Commission, Region II Nuclear Materials Safety Section 101 Marietta Street Suite 2900 Atlanta, Georgia 30323

Re: Application for Material License

Renewal

Gentlemen:

The Town of Leesburg in Virginia would like to renew their NCR material license #45-18256-01.

Under the fee schedule we are a municipal government and should be fee exempt. Enclosed are duplicate copies of our current license and up-to-date amendments.

If there are any questions, please contact me at (703) 777-8733.

Thank you.

Sincerely,

Robert H. Lilly Chief Inspector Town of Leesburg

Pobent M. Lilly

mcf

enc.

License Fee Information on Specification,

OFFICIAL COPY

# APPLICATION FOR MATERIAL LICENSE

U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB 3180-0120 Expires: 6-30-80

8/23/08

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 E. DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS WASHINGTON, DC 20566

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 476 ALLENDALE ROAD KING OF PRUSSIA, PA 19406

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION II NUCEAR MATERIALS SAFETY SECTION 101 MARIETTA STREET, SUITE 2900 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 799 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, DREGON, 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 LANC. SUITE 210 WALNUT CREEK. CA 94596

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NIJCLEAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.	1450 MARIA LANC. SUITE 210 WALNUT CREEK, CA 94596  R REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL			
1. THIS IS AN APPLICATION FOR (Check appropriate (term)	2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)			
A. NEW LICENSE	Town of Leesburg			
B. AMENDMENT TO LICENSE NUMBER	P.O. Box 88 Leesburg, Virginia 22075			
X C. RENEWAL OF LICENSE NUMBER 45-18256-01				
	beesburg, virginia 22075			
3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.  SEE ATTACHED COPIES				
4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION	TELEPHONE NUMBER			
Mr. Robert R. Lilly	703 777-2420			
SUBMIT ITEMS 5 THROUGH 11 ON 8% x 11" PAPER. THE TYPE AND SCOPE OF INFORMAT	TION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.			
<ol> <li>RADIOACTIVE MATERIAL         <ul> <li>Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.</li> </ul> </li> </ol>	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.			
P. FACILITIES AND EQUIENENT.	10. RADIATION SAFETY PROGRAM.			
11. WASTE MANAGEMENT.	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY AMOUNT ENCLOSED \$			
13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THE BINDING UPON THE APPLICANT.	HAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE			
THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PAILS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.	RTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN,  CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION			
SIGNATURE CERTIFYING OFFICER TYPED/PRINTED NAME	TITLE DATE			
Fort M. July Robert M. Lilly	Chief conspector 8/10/88			
TYPE OF FEE FEE LOG FEE CATEGORY COMMENTS TO SEE FOR NR  AMOUNT RECEIVED CHECK NUMBER 170. //	APPROVED BY  We herein			
1 1 11	( ) ( )			