

NRC FORM 313 (10-2005) 10 CFR 30, 32, 33, 34, 35, 38, 39, and 40		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0120 Estimated burden per response to comply with this mandatory collection request: 4.4 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. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (7-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects@nrc.gov , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.		EXPIRES: 10/31/2008	
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.							
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				IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4362 <i>NH583</i>			
ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA. 19406-1415				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 BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TX 76011-4006 <i>03032721</i>			
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) <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER 37-28744-01				2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) Professional Inspection and Testing Services, Inc. 56 North 2nd Street Chambersburg, PA 17201			
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED 56 North 2nd Street Chambersburg, PA 17201				4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Ingrid M. Kalb TELEPHONE NUMBER (717) 263-7964			
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. LICENSE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY <input type="checkbox"/> AMOUNT ENCLOSED \$			
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, 38, 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 Ingrid M Kalb, RSO				SIGNATURE <i>Ingrid M. Kalb</i>		DATE 5/31/07	
FOR NRC USE ONLY							
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS		
			\$				
APPROVED BY				DATE			

REC'D IN LAT JUN 21 2007

140694
NMSS/RGN1 MATERIALS-002

NRC Form 313 Attachments**Item 5 and 6****A. Cesium 137**

Sealed Sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in note below

No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State

B. Americium 241

Sealed neutron sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in note below

note for A and B: For measuring physical properties of materials, in portable gauging devices that have been registered either with NRC under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with an NRC or Agreement State specific license authorizing distribution to persons specifically authorized by an NRC or Agreement State license to receive, possess, and use the devices.

Item 7

Before obtaining licensed materials, the proposed RSO, Ingrid M Kalb, will have successfully complied on the training courses described in the Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.

Item 8

Before obtaining licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled "Training for Individuals Working In or Frequently Restricted Areas" in NUREG-1556, Vol. 1, Rev 1 dated November 2001/

Item 9

Licensed material may be used or stored at the licensee's facilities located at 56 North Second Street Chambersburg, PA 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.

Item 10**Radiation Safety Program****1. Radiation Safety Officer**

Ingrid Kalb has been designated as the company radiation safety officer and will assume the duties and responsibilities that include the following:

A. To ensure all users read and agree to comply with company and NRC regulations.

2. Operating Procedures**A. Gauge Transportation**

1. All possible means shall be provided to ensure that the nuclear equipment is fully secured in the transport vehicle and the equipment is away from the passenger compartment. When transporting in an enclosed vehicle (car or van), the vehicle will be locked. When transporting in open bed vehicle, securely fasten and properly lock the nuclear gauge to the truck bed.
2. The nuclear Gauge should be transported in an approved transportation case. The USDOT requires that the nuclear gauge be transported in a properly labeled case and the case be locked or sealed.
3. At all times during transport, the transporter will have a properly completed bill of lading and emergency procedures for each nuclear gauge.

B. Utilization

1. When the nuclear gauge is in the field, the authorized user must maintain control over the gauge at all time. The gauge must never be left unattended.
2. When not making measurements, the gauge should be placed in the transportation case and returned to it's permanent storage area as soon as possible. Only use the nuclear gauge for it's intended purpose. By doing so, you will maintain any radiation exposure to as low as reasonably achievable.
3. When using the nuclear gauge, you will wear the personnel monitoring device that has been assigned to you. When not using the nuclear gauge, store you monitoring equipment in the designated radiation free area.
4. Wear TLD badges at all times using tester.

5. Secure the tester when not in use. The operator shall not leave the job site for any reason until the tester is secured/locked in the storage case and returned to the proper storage area.
6. Report any defects with tester to the RSO.
7. Transport the tester in accordance to federal, state , local, and army regulations.

C. Maintenance & Leak Test Procedures

1. Periodic Maintenance includes cleaning the nuclear gauge during any maintenance, wear you personnel monitoring equipment
2. Unless otherwise stated on your license, do not perform maintenance that requires the removal of the radioactive source from the nuclear gauge. For this type of maintenance, ship the nuclear gauge to a properly licensed individual or company, like nuclear gauge manufacturer.
3. The leak test will be performed using the troxler model 3880 leak test kit. Perform the leak test according to the manufacturers's instructions. When performing leak test wear personnel monitoring equipment. Leak test nuclear gauges at intervals not to exceed six months, unless otherwise specified by your license.
4. Perform the following maintenance actions only: clear the external surfaces of the tester, change batteries. Contact the RSO Concerning other maintenance actions
5. The periodic maintenance will be performed by authorized personnel only, while wearing personnel monitoring device. However, the radioactive source will not be exposed during cleaning or maintenance.

D. Record keeping in regards in regards to facility decommissioning under the file "facility decommissioning file".

1. Records of any leakage involving the spread of contamination remains after cleanup procedures have been exhausted and/or if contamination is inaccessible.
2. Drawing or sketches of arca where radioactive materials are used and/or stored. Drawing to include locations of any non-removable contamination.
3. Records of the cost estimate for the decommissioning of the facility.

E. Emergency Procedures

In the event of physical damage to nuclear gauge, the following will be performed:

1. Locate the gauge and/or source(s).
2. Immediately cordon off an area around the nuclear gauge and/or sources(s). A radius of 15 feet will be sufficient. Do not leave the area unattended.
3. Keep all unauthorized personnel from the Nuclear Gauge.
4. If a vehicle is involved, it must be stopped until the extent of contamination, if any, can be established.
5. Perform a visual inspection of the nuclear gauge to determine if the source housing and/or shielding has been damaged.
6. At the earliest possible time, when the situation is under control, you must contact radiation safety officer, Ingrid Kalb at 717-263-7964. Describe the present conditions and follow the instructions from the radiation safety officer. The RSO should be the contact with the Regulatory Agency in all matters.
7. The RSO should notify the NRC, or Regulatory Agency, as Applicable: The Local Authorities, if necessary, for the protection of personnel; or other, as deemed necessary to assure no unauthorized person or persons are in danger of radiation exposure. You may be required to notify the USDOT of accidents occurring in transport.
8. If a gauge is damaged, a survey meter will be obtained either from the Nuclear Regulatory Commission or other certified firm to check for possible contamination.
9. In the event that the nuclear gauge is lost or stolen, immediately notify the radiation safety officer.

Item 11

Waste Management - in licensee radiation protection program

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

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Amendment No. 07**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.

Licensee		In accordance with the letter dated April 9, 2004,	
1. Professional Inspection and Testing Services, Inc.		3. License number 37-28744-01 is amended in its entirety to read as follows:	
2. 56 North Second Street Chambersburg, Pennsylvania 17201		4. Expiration date June 30, 2007	
		5. Docket No. 030-32721 Reference No.	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Cesium 137	A. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in Item 9 of this license	A. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State	
B. Americium 241	B. Sealed neutron sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in Item 9 of this license	B. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State	
9. Authorized use:			
A. and B. For measuring physical properties of materials, in portable gauging devices that have been registered either with NRC under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with an NRC or Agreement State specific license authorizing distribution to persons specifically authorized by an NRC or Agreement State license to receive, possess, and use the devices.			

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U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-28744-01

Docket or Reference Number

030-32721

Amendment No. 07

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 56 North Second Street, Chambersburg, Pennsylvania 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 only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated March 13, 1997.
12. The Radiation Safety Officer for this license is Ingrid Kalb.
13.
 - A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U. S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
 - B. In the absence of a certificate from a transferor indicating that a leak test has been made, within the intervals specified in the certificate of registration issued by the U. S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
 - C. Sealed sources need not be tested if they 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 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 (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2) and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
 - E. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

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U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
37-28744-01Docket or Reference Number
030-32721

Amendment No. 07

14. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.
15. The licensee shall conduct a physical inventory every six months, or at other interval approved by NRC, to account for all sealed sources and/or devices received and possessed under the license.
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. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from the U. S. Nuclear Regulatory Commission before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Registration Certificates issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
18. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall only be performed by the manufacturer or other persons specifically licensed by the Commission or an Agreement State to perform such services.
19. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
20. A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.

B. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U.S. Nuclear Regulatory Commission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.
21. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing financial assurance for decommissioning.

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-28744-01

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22. 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 March 13, 1997
- B. Letter dated May 21, 1997
- C. Facsimile dated May 21, 1997 (received June 5, 1997)
- D. Letter dated April 6, 1999
- E. Letter dated July 27, 1999



For the U.S. Nuclear Regulatory Commission

Date June 2, 2004

By

Original signed by James Schmidt

James Schmidt

Nuclear Materials Safety Branch 2

Region I

King of Prussia, Pennsylvania 19406

73359807

This is to acknowledge the receipt of your letter/application dated

5/31/2007 (~~RECEIVED~~ 6/24/2007), and to inform you that the initial processing which includes an administrative review has been performed.

☒ RECEIVED 37-28744-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 140684.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.