



AUTORIDAD DE CARRETERAS Y TRANSPORTACIÓN
PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY
GOBIERNO DE PUERTO RICO

(New)

Q-0

April 10, 2012

(52-24983-02)

L 24983
03038539
03121

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road, King of Prussia
Pennsylvania, 19406-1415

Attention: Mr. Michael Reichard and L.A.T.

**REQUEST FOR APPLICATION OF NEW MATERIALS LINCENSE FOR
PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY (PRHTA)**

Dear Sir(s)/Madam(s):

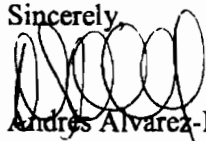
We are hereby requesting a new materials license for the Puerto Rico Highway and Transportation Authority's (PRHTA's) Nuclear Gauges; enclosed please find our application form for such purpose.

Our application for new material license is based upon the fact that our previous license (NRC License #52-24983-01) expired on February 29, 2012. Unfortunately, renewal process of our license was delayed until we were able to dispose the nuclear gauges as required in your inspection report #03030523/2009001 as well as other nuclear gauges. Disposal of said gauges was performed by Mr. David Rhoe (NRC License #52-25430-01) on March 27, 2012, enclosed please find for your reference copy of FedEx transmittal paperwork. Also, please fax a copy of the license to Mr. Rhoe at 787-292-7976.


We assure you that our remaining nuclear gauges will not be used, as it has been the case for the recent years, until new license is provided to us by the NRC.

Finally, we would like to inform you that payment for NRC invoice #LFB11-335 was paid through check number #98122 for \$4,500.00 dated 2/15/2012.

Sincerely,


Andrés Álvarez-Ibáñez
Acting Director
Materials Testing Office

6003:AAI:JAAB


José A. Alvarez Bruno
Radiation Safety Officer
Materials Testing Office

Enclosure:



PO Box 42007, San Juan, PR 00940-2007
T (787) 721-8787 • F (787) 727-5456

577320
NMSS/RGN1 MATERIALS-002

(Ref 577221)

NRC FORM 313 (10-2005) 10 CFR 30, 32, 33, 34, 35, 36, 38, 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 (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollections@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 60532-4352						
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 76011-4005						
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 checked="" type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____ <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____				2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) P.O. Box 42007 San Juan, PR 00440-2007						
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED Autoridad de Carreteras Y Transportacion PR-28 Final Ave. Central Juanita Urb. Industrial Luchetti Bayamon, PR 00956				4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION José A. Alvarez TELEPHONE NUMBER (787) 505-8749						
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) <table border="1"><tr><td>FEE CATEGORY</td><td>AMOUNT ENCLOSED</td><td>\$</td></tr></table>				FEE CATEGORY	AMOUNT ENCLOSED	\$
FEE CATEGORY	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, 36, 38, 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 Jose A. Alvarez				SIGNATURE		DATE 04/10/2012				
FOR NRC USE ONLY										
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED \$	CHECK NUMBER	COMMENTS					
APPROVED BY				DATE						

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Item 1 Address

a) Mailing address

José A. Alvarez
P.O. Box 42007
San Juan, PR 00440-2007
787-505-8749 (cel.)
787-729-1592 (office)
787-721-8787 (fax)

b) Main Office address

Autoridad de Carreteras Y Transportacion
PR-28 Final Ave. Central Juanita
Urb. Industrial Luchetti
Bayamon, PR 00956
787-787-8212 (office)
787-798-2460 (fax)

c) Physical location (storage/location of the Nuclear gauge & records)

Autoridad de Carreteras Y Transportacion
PR-28 Final Ave. Central Juanita
Urb. Industrial Luchetti
Bayamon, PR 00956
787-787-8212 (office)
787-798-2460 (fax)

Please authorize the use at any temporary job site location within US territories.

REQUEST FOR APPLICATION OF NEW MATERIALS LICENSE FOR PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY (PRHTA)

The following is based on Portable Gauge Licenses, NUREG 1556 Vol 1, November 2001, Appendix B

Item 5 and 6: Materials to be Possessed and Proposed Uses

Radioisotope	Manufacturer	Quantity	Use as Listed on SSD Certificate	Other Uses Not Listed on SSD Certificate
Cs-137	Device manufacturer: Troxler Model(s): 3430, 3450	Not to exceed the maximum activity per device as specified in Sealed Source and Registration Certificate. 8 mCi	Yes	Not Applicable
Am-241	Device manufacturer: Troxler Model(s): 3430, 3450	Not to exceed the maximum activity per device as specified in Sealed Source and Registration Certificate. 50 mCi	Yes	Not Applicable
Am-241	Device manufacturer: CPN Model(s): AC-2R	Not to exceed the maximum activity per device as specified in Sealed Source and Registration Certificate. 100 mCi	Yes	Not Applicable

We currently possess 5 and we would like to have a limit of 5.

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Item No. and Title	Response
7. Individual(s) responsible for the radiation safety program and their training and experience – Radiation Safety Officer. Name: José A. Alvarez	Before obtaining licensed material, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "individuals(s) Responsible for Radiation Safety Program and Their Training and Experience-Radiation Safety Officer" in NUREG-1556, Vol 1, Rev. 1 dated November 2001.
8. Training for individuals working in or frequenting Restricted areas.	Before using 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 Frequenting Restricted Areas" in NUREG-1556, Vol 1, Rev. 1 dated November 2001.
9. Facilities and equipment.	No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program – Public Dose" and "Radiation Safety Program – Operating and Emergency Procedures."
10. Radiation Safety Program – Audit Program.	The applicant is not required to, and should not, submit its audit program to NRC for review during the licensing phase.
10. Radiation Safety Program – Termination of activities.	The applicant is not required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.
10. Radiation Safety Program – Survey Instrument.	We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol 1, Rev. 1 dated November 2001.
10. Radiation Safety Program – Material Receipt and Accountability.	Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.
10. Radiation Safety Program – Occupational Dosimetry.	Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or we will provide Dosimetry processed and evaluated by an NVLAP approved processor that is exchanged at a frequency recommended by the processor.
10. Radiation Safety Program – Public Dose.	The applicant is not required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.
10. Radiation Safety Program – Operating and Emergency Procedures.	Operating and emergency procedures will be developed, implemented, and maintained and will meet the Criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures" in NUREG-1556, Vol 1, Rev. 1 dated November 2001

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10. Radiation Safety Program – Leak Test.	Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the sealed Sources and Device Registration Sheets. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or Agreement State to provide leak tests kits to other licensees and according to the kit supplier's instructions.
10. Radiation Safety Program – Maintenance.	<p><i>Routine Cleaning and Lubrication</i></p> <p>We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.</p> <p><i>Non-Routine Maintenance</i></p> <p>We will send the gauge to the manufacturer or other person authorized by the NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.</p>
10. Radiation Safety Program – Transportation.	The applicant is not required to submit a response to transportation during the licensing process. However, this issue will be reviewed during an inspection.
11. Waste Management – Gauge Disposal and Transfer.	The applicant is not required to submit a response to waste management during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation protection program.

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

4/10/12, and to inform you that the initial processing which includes an administrative review has been performed.

☒ New License Application (03038539)
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** 577320.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.