

Victor E. Rivera & Associates
Geotechnical Engineers
Box 198, Station #6
Ponce Puerto Rico 00732-2198

March 13, 2013

Licensing Assistance Team
Division of Nuclear Materials Safety
US Nuclear Regulatory Commission
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

Br. 3
03030301

FAX 610-337-5269

Re: License renewal for 52-19885-02

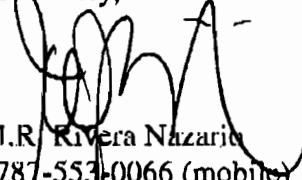
Dear Sir or Madam

Please renew our NRC license "as it is". There have not been any changes to our license nor have there been any major changes to the radiation safety program since the amendment letter dated March 04, 2010.

Radiation Safety Officer: J.R. Rivera Nazario

If you have any questions or need any further information, please feel free to contact me at the address above or with Mr. David Rhoe, external consultant at (787)316-7920

Sincerely,


J.R. Rivera Nazario
787-553-0066 (mobile)
787-259-1410

email: verivera@prtc.net



VICTOR E. RIVERA ASSOCIATES
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES

580208
NMSS/RGN1 MATERIALS-002

NRC FORM 313
(3-2009)
10 CFR 30, 32, 33,
34, 35, 36, 38, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submitter 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 P63), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NRC-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.

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:

OFFICE OF FEDERAL & STATE MATERIALS AND
ENVIRONMENTAL MANAGEMENT PROGRAMS
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA,
KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, 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

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
LIBLE, IL 60532-4302

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, MISSISSIPPI, 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
612 E. LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4126

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 52-19885-02

2. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Victor Rivera Associates
Lot #5, Reparto el Tugué
Road No. 2, Km. 221.8, Ponce, P.R.

3. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Victor E. Rivera & Associates
Geotechnical Engineers
Box 198, Station #6
Ponce, P.R. 00732-2198

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Jose B. Rivera Nazario

TELEPHONE NUMBER

(787-254-1410) or (787-553-0064)

SUBMIT ITEMS 6 THROUGH 11 ON 4-1/2 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. quantity 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 FEE (See 10 CFR 170 and Section 170.31)

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 16, 1948 (18 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 - TYPE PRINTED NAME AND TITLE

Jose B. Rivera Nazario

SIGNATURE

DATE

FOR NRC USE ONLY

TYPE OF FEE: FEE LOG: FEE CATEGORY: AMOUNT RECEIVED: CHECK NUMBER: COMMENTS:

APPROVED BY:

DATE:

**U.S Nuclear Regulatory Commission
Application for Materials License 2013**

As per MRC Form 313, herein are items 5 thru 11 according to our external consultant Mr. David Rhoe on March 17, 2013 and license amendment dated March 4, 2010.

item no. 5. Radioactive Material

Element and Mass Number	Chemical and/or physical form	Maximum Amount which will be possessed at any one time
Cesium 137	Sealed Sources (CPN) International Model CPN-131; Troxler Dwg. No. A-102112)	249 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State.
Americium 241	Sealed Sources (CPN) International Model CPN-131; Troxler Dwg. Nos A-102451 or C-106580)	1244 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State

item no. 6.

Purpose for which licensed material will be used	Devices are for measuring physical properties of materials
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item no. 7.

Individual(s) responsible for the radiation safety program and their training experience;	Mr. José R. Rivera Nazario, Civil Engineer which complete the CPN Radiation Safety Officer for Nuclear Gauges on April 23, 1999.
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Item no. 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.
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Item no. 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."
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Item no. 10.

Radiation Safety Program –Audit Program.	We are not required to, and should not, submit our audit program to NRC for review during the licensing phase.
Radiation Safety Program - Termination of Activities	We are 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.
Radiation Safety Program–Survey Instrument	We 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
Radiation Safety Program –Material Receipt and Accountability.	Physical inventories are conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license



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Item no. 10.

Radiation Safety Program-Occupational Dosimetry.	We 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 provide Dosimetry processed and evaluated by an NVLAP approved processor that is exchanged at a frequency recommended by the processor
Radiation Safety Program -Public Dose.	We are not required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.
Radiation Safety Program-Operating and Emergency Procedures	<p>We implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol 1, Rev. 1 dated November 2001, and provide copies of these procedures to all gauge users and at each job site.</p> <p>OR</p> <p>Operating and emergency procedures developed, implemented, and maintained and meeting the Criteria in the section entitled "Radiation Safety Program- Operating and Emergency Procedures" in NUREG-1556, Vol 1, Rev. I dated November 2001</p>
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.




Item no. 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>
Radiation Safety Program– Transportation.	We are not required to submit a response to transportation during the licensing process. However, this issue will be reviewed during an inspection.

Item no. 11

Waste Management – Gauge Disposal and Transfer.	We are not required to submit a response to waste management during the licensing process. However, we will develop, implement, and maintain gauge transfer and disposal procedures in our radiation protection program.
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José R. Rivera Nazario, P.E.
RSO



This is to acknowledge the receipt of your letter application dated

03-13-13, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Renew: 52-19885-02
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** 580208.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.