

Ragland, Randolph

From: pfebo@specengpr.com
Sent: Wednesday, February 19, 2020 2:57 PM
To: Ragland, Randolph
Subject: [External_Sender] address removal
Attachments: LEAK TESTS APR 2019.pdf; 52-24862-01.pdf

L-2

030294174

Hi Mr. Ragland:

You recently visited my facilities and told me to send documentation in order to remove one of the address in or license.

Attached leak tests and license.

The address to be remove is Amur St. A-5.....

The only address to remain is
#141 San Francisco, De Diego Ave
San Juan, PR 00927

Best Regards,

ENGR. PEDRO FEBO BORJA
Engineer/Vice President



SPEC GROUP PSC
SOIL-ASPHALT-CONCRETE-WELDING-TESTING
FORENSIC & STRUCTURAL INVESTIGATIONS
CONSTRUCTION PROJECTS INSPECTIONS
VIBRATION MONITORING

B5 Calle Tabonuco Suite 216 PMB 278
Guaynabo, PR 00968-3022
787-502-6639 (mobile) - 787-979-9440 (office)
pfebo@specengpr.com

618232

Leak Test Record
NRC License 52-25430-01

Leak Tested For:
Leak Tested By:

Geo Service
David Rhoe

Standard Source (NIST traceable):
Standard Activity (uCi):
Standard Date

Am-241	Cs-137 NES-139S
1.145	0.105
15-Nov-98	09-Sep-98

Date of the Leak Test:
Decay Activity uCi (from decay chart):
Standard (dpm):

07-Mar-19	
1.10823	0.05187
2460270.6	115151.4

Instrument used to count wipe sample:
Instrument Model Number:
Instrument Serial Number:

Wallac Wizard2
2470 Gamma Counter
8106671

NIST Traceable Standard (cpm)
Counting Efficiency:
Counting Efficiency in percentage (%):
Counting time (minutes)
Background (cpm)
Minimum Detectable Activity:

820035	29387
0.33	0.26
33.33	25.52
1	1
.86	.86
1.772E-05	2.315E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number

MC1DRP Am-241 & Cs-137 SnMD70808628

Wipe Test
107

Sample Activity
0.00014

Gamma

Sample Activity
0.00019

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

**Leak Test Record
NRC License 52-25430-01**

Leak Tested For:
Leak Tested By:

**Geo Service
David Rhoe**

Standard Source (NIST traceable):
Standard Activity (uCi):
Standard Date

Am-241	Cs-137 NES 139S
1.145	0.105
15-Nov-98	09-Sep-88

Date of the Leak Test:
Decay Activity uCi (from decay chart):
Standard (dpm):

	07-Mar-19
1.10823	0.05187
2460270.6	115151.4

Instrument used to count wipe sample:
Instrument Model Number:
Instrument Serial Number:

**Wallac Wizard2
2470 Gamma Counter
8106671**

NIST Traceable Standard (cpm)
Counting Efficiency:
Counting Efficiency in percentage (%):
Counting time (minutes)
Background (cpm)
Minimum Detectable Activity:

820035	29387
0.33	0.26
33.33	25.52
1	1
86	86
1.772E-05	2.315E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number
MC1DRP Am-241 & Cs-137 SnMD60203045

Wipe Test
90

Sample Activity
0.00012

Gamma
Sample Activity
0.00016

This test reveals that 0.005 microcuries or less was present as removable contamination.
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

Leak Test Record
NRC License 52-25430-01

Leak Tested For:
Leak Tested By:

Geo Service
David Rhoe

Standard Source (NIST traceable):
Standard Activity (uCi):
Standard Date

Am-241 Cs-137 NES-139S
1.145 0.105
15-Nov-98 09-Sep-88

Date of the Leak Test:
Decay Activity uCi (from decay chart):
Standard (dpm):

07-Mar-19
1.10823 0.05187
2460270.6 115151.4

Instrument used to count wipe sample:
Instrument Model Number:
Instrument Serial Number:

Wallac Wizard2
2470 Gamma Counter
8106671

NIST Traceable Standard (cpm)

Counting Efficiency:
Counting Efficiency in percentage (%):
Counting time (minutes)
Background (cpm)

820035 29387
0.33 0.26
33.33 25.52
1 1
86 86
1.772E-05 2.315E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number

MC1DRP Am-241 & Cs-137 SnMD6127264

Wipe Test
92

Sample Activity
0.00012

Gamma

Sample Activity
0.00016

This test reveals that 0.005 microcuries or less was present as removable contamination.
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

Leak Test Record
NRC License 52-25430-01

Leak Tested For:
Leak Tested By:

SPEC Group PSC
David Rhoe

Standard Source (NIST traceable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88

Date of the Leak Test:	01-Apr-19	
Decay Activity uCi (from decay chart):	1.10816	0.05182
Standard (dpm):	2460115.2	115040.4

Instrument used to count wipe sample:
Instrument Model Number:
Instrument Serial Number:

Perkin Elmer
Wallac Wizard2
8106671

NIST Traceable Standard (cpm)	816863	29086
Counting Efficiency:	0.33	0.25
Counting Efficiency in percentage (%):	33.20	25.28
Counting time (minutes)	1	1
Background (cpm)	94	94
Minimum Detectable Activity:	1.880E-05	2.443E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	
Am-241 & Cs-137 Sn10329	93	Sample Activity	Sample Activity
		0.00013	0.00017

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

Leak Test Record
NRC License 52-25430-01

Leak Tested For:
Leak Tested By:

SPEC Group PSC
David Rhoe

Standard Source (NIST traceable):
Standard Activity (uCi):
Standard Date

Am-241	Cs-137 NES-139S
1.145	0.105
15-Nov-98	09-Sep-88

Date of the Leak Test:
Decay Activity uCi (from decay chart):
Standard (dpm):

	01-Apr-19	
1.10816		0.05182
2460115.2		115040.4

Instrument used to count wipe sample:
Instrument Model Number:
Instrument Serial Number:

Perkin Elmer
Wallac Wizard2
8106671

NIST Traceable Standard (cpm)
Counting Efficiency:
Counting Efficiency in percentage (%):
Counting time (minutes)
Background (cpm)
Minimum Detectable Activity:

816863	29086
0.33	0.25
33.20	25.28
1	1
94	94
1.860E-05	2.443E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number
Am-241 & Cs-137 Sn10151

Wipe Test
106

Sample Activity
0.00014

Gamma

Sample Activity
0.00019

This test reveals that 0.005 microcuries or less was present as removable contamination.
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

Leak Test Record
NRC License 52-25430-01

Leak Tested For:	SPEC Group PSC	
Leak Tested By:	David Rhoe	
Standard Source (NIST traceable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	01-Apr-19	
Decay Activity uCi (from decay chart):	1.10816	0.05182
Standard (dpm):	2460115.2	115040.4
Instrument used to count wipe sample:	Perkin Elmer	
Instrument Model Number:	Wallac Wizard2	
Instrument Serial Number:	8106671	
NIST Traceable Standard (cpm)	816863	29086
Counting Efficiency:	0.33	0.25
Counting Efficiency in percentage (%):	33.20	25.28
Counting time (minutes)	1	1
Background (cpm)	94	94
Minimum Detectable Activity:	1.860E-05	2.443E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	Sample Activity
Am-241 & Cs-137 SnMD70408703	95		0.00017
		Sample Activity	0.00013

This test reveals that 0.005 microcuries or less was present as removable contamination.
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

Leak Test Record
NRC License 52-25430-01

Leak Tested For:
Leak Tested By:

SPEC Group PSC
David Rhoe

Standard Source (NIST traceable):
Standard Activity (uCi):
Standard Date

Am-241	Cs-137 NES-139S
1.145	0.105
15-Nov-98	09-Sep-88

Date of the Leak Test:
Decay Activity uCi (from decay chart):
Standard (dpm):

	01-Apr-19	
1.10816		0.05182
2460115.2		115040.4

Instrument used to count wipe sample:
Instrument Model Number:
Instrument Serial Number:

Perkin Elmer
Wallac Wizard2
8106671

NIST Traceable Standard (cpm)
Counting Efficiency:
Counting Efficiency in percentage (%):
Counting time (minutes)
Background (cpm)
Minimum Detectable Activity:

816863	29086
0.33	0.25
33.20	25.28
1	1
94	94
1.860E-05	2.443E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number

Am-241 & Cs-137 SnMD61208529

Wipe Test
81

Sample Activity
0.00011

Gamma

Sample Activity
0.00014

This test reveals that 0.005 microcuries or less was present as removable contamination.
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

Leak Test Record
NRC License 52-25430-01

Leak Tested For:
Leak Tested By:

SPEC Group PSC
David Rhoe

Standard Source (NIST traceable):
Standard Activity (uCi):
Standard Date

Am-241	Cs-137 NES-139S
1.145	0.105
15-Nov-98	09-Sep-88

Date of the Leak Test:
Decay Activity uCi (from decay chart):
Standard (dpm):

	01-Apr-19
1.10816	0.05182
2480115.2	115040.4

Instrument used to count wipe sample:
Instrument Model Number:
Instrument Serial Number:

Perkin Elmer
Wallac Wizard2
8106671

NIST Traceable Standard (cpm)
Counting Efficiency:
Counting Efficiency in percentage (%):
Counting time (minutes)
Background (cpm)
Minimum Detectable Activity:

816863	29086
0.33	0.25
33.20	25.28
1	1
94	94
1.860E-05	2.443E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number
Am-241 & Cs-137 SnMD60208188

Wipe Test
83

Sample Activity
0.00011

Gamma
Sample Activity
0.00015

This test reveals that 0.005 microcuries or less was present as removable contamination.
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

Leak Test Record
NRC License 52-25430-01

Leak Tested For:
Leak Tested By:

SPEC Group PSC
David Rhoe

Standard Source (NIST traceable):
Standard Activity (uCi):
Standard Date

Am-241	Cs-137 NES-139S
1.145	0.105
15-Nov-98	09-Sep-88

Date of the Leak Test:
Decay Activity uCi (from decay chart):
Standard (dpm):

	01-Apr-19	
1.10816		0.05182
2460115.2		115040.4

Instrument used to count wipe sample:
Instrument Model Number:
Instrument Serial Number:

Perkin Elmer
Wallac Wizard2
8106671

NIST Traceable Standard (cpm)
Counting Efficiency:
Counting Efficiency in percentage (%):
Counting time (minutes)
Background (cpm)
Minimum Detectable Activity:

816863	29086
0.33	0.25
33.20	25.28
1	1
94	94
1.860E-05	2.443E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number
Am-241 & Cs-137 SnMD50808020

Wipe Test
90

Sample Activity
0.00012

Gamma
Sample Activity
0.00016

This test reveals that 0.005 microcuries or less was present as removable contamination.
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


David Rhoe Health/Medical Physicist

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.

<p>Licensee</p> <p>1. SPEC GROUP PSC</p> <p>2. PMB 278 Guaynabo, Puerto Rico 00968-3022</p>	<p>In accordance with the letter received April 25, 2016,</p> <p>3. License number 52-24862-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date March 31, 2022</p> <p>5. Docket No. 030-29474 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p> <p>B. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Sources (CPN International Model CPN-131)</p> <p>B. Sealed Sources (CPN International Model CPN-131)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 10 millicuries per source and 110 millicuries total</p> <p>B. 50 millicuries per source and 550 millicuries total</p>
<p>9. Authorized use:</p> <p>A. and B. In CPN International Inc., Model MC Series portable gauging devices for measuring physical properties of materials.</p>		

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located in Reparto Landrau at A-5 Amur Street, San Juan, Puerto Rico, 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, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
52-24862-01Docket or Reference Number
030-29474

Amendment No. 10

11. Licensed material shall be used by, or under the supervision of, individuals who have received the training described in the application dated February 17, 2012, and have been designated, in writing, by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
12. The Radiation Safety Officer for this license is Pedro Febo.
13. 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.
14.
 - A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at 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 U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
 - F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
52-24862-01Docket or Reference Number
030-29474

Amendment No. 10

15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
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 or storage, or when not under the direct surveillance of an authorized user.
17. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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 U.S. 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 February 17, 2012 (ML12055A292)
B. Appendix B received on March 2, 2012 (ML120660445)
C. Letter received April 25, 2016 (ML16120A104)

For the U.S. Nuclear Regulatory Commission

Date June 22, 2016

By

Original signed by Dennis R. LawyerDennis R. Lawyer
Commercial, Industrial, R&D and Academic Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Pedro Febo Boria
Engineer/Vice President
SPEC GROUP PSC
B-5 Calle Tabonuco
Suite 216, PMB 278
Guaynabo, Puerto Rico 00968-3022

Date

March 10, 2020

License Number(s)

52-24862-01

Mail Control Number(s)

618232

Licensing and/or Technical Reviewer or Branch

Randy Ragland

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: February 19, 2020

The initial processing, which included an administrative review, has been performed.

☒ Amendment ☐ Termination ☐ New License ☐ Renewal

☒ There were no administrative omissions identified during our initial review.

☐ This is to acknowledge receipt of your application for renewal of the material(s) 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.

☐ Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

☐ The following administrative omissions have been identified:

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, (610) 337-5239