

JACA & SIERRA
Testing Laboratories, Inc.
Geotechnical Engineers

NMSB3

May 29, 2007

United States Nuclear Regulatory Commission
NRC Region I
475 Allendale Road
King of Prussia, PA 19403-1415
Attention: LAT

52-19064-01
03018917

2007 JUN -5 AM 10:46
RECEIVED
REGION I

RE: Request for a License Amendment for a New Storage Location for Portable Nuclear Gauges at Jaca & Sierra Testing Labs., Inc. facilities, Trujillo Alto, Puerto Rico.

Dear Sir or Madam:

Following Mr. Collins instructions, we are pleased to submit a request of license amendment for the proposed new storage location for several portable nuclear gauges.

We are planning to relocate our nuclear gauges storage to an existing one story structure located contiguous to our main warehouse facilities.

Please refer the enclosed information drawings for more details about the reference petition.

If you have any question regarding this license amendment or any comment, do not hesitate to contact the undersigned.

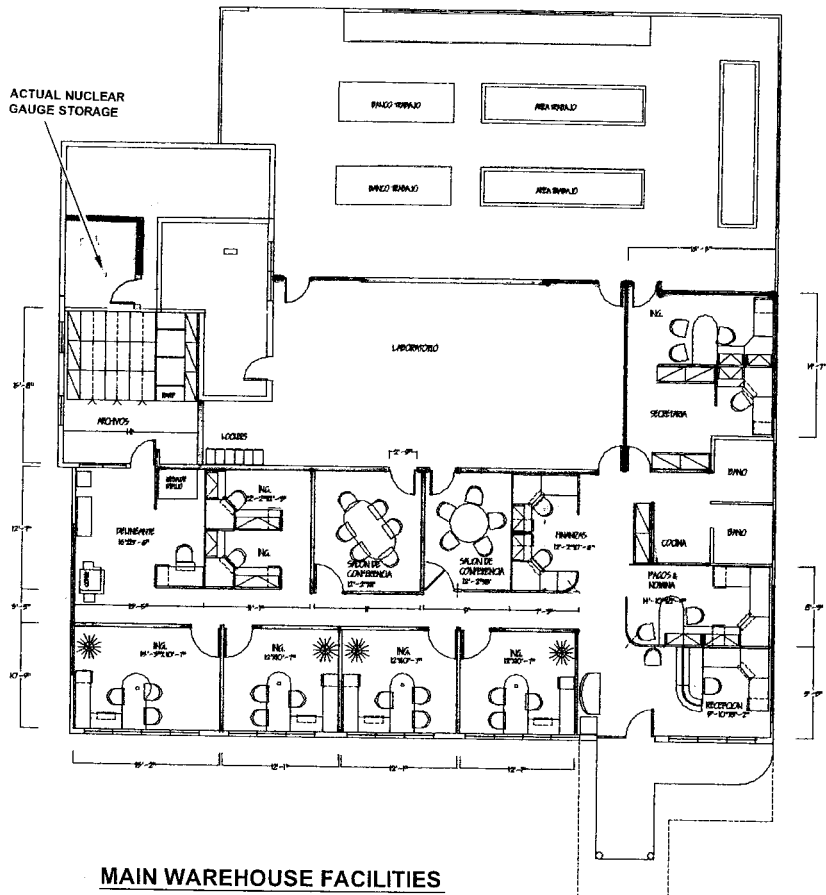
Cordially yours,
JACA & SIERRA TESTING LABORATORIES, Inc.

Marcos O. Arocho-Ramírez
Marcos O. Arocho-Ramírez, PE, RSO
Geotechnical Engineer

140596

NMSS/RGN1 MATERIALS-002

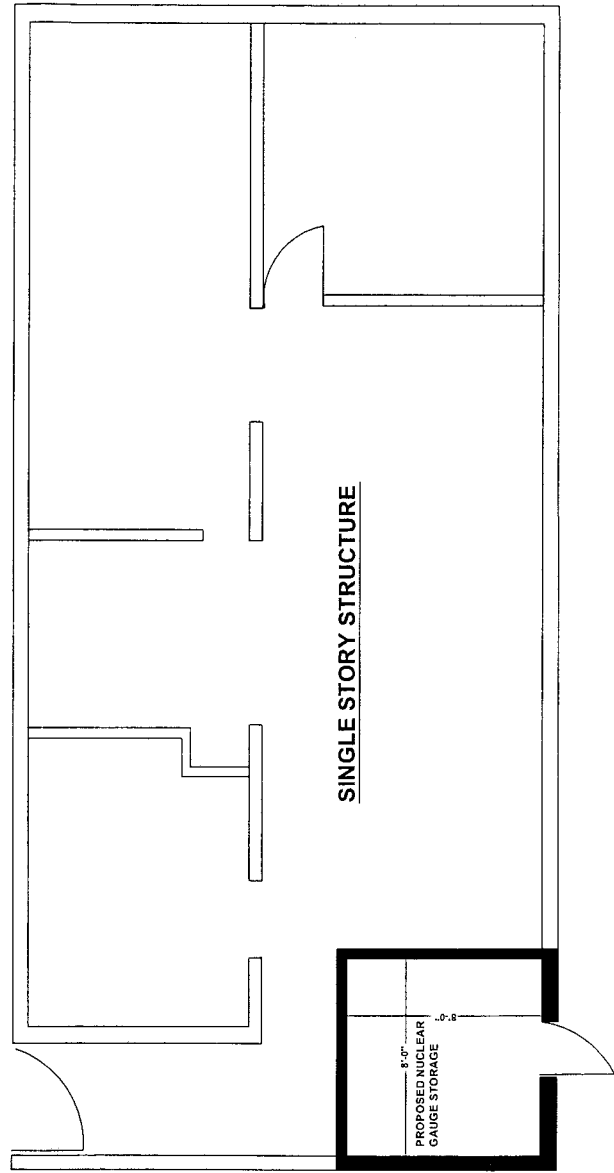
ACTUAL NUCLEAR GAUGE STORAGE



MAIN WAREHOUSE FACILITIES

DATE 1/2	BY	DATE
	WORKS	APPROVAL

JACA & SIERRA TESTING LABORATORIES
 REMODELACION DE OFICINA
 TRUJILLO ALTO, P.R.



SINGLE STORY STRUCTURE

PROPOSED NUCLEAR GAUGE STORAGE



Actual Nuclear Gauge storage location



Proposed Nuclear Gauge new storage location



Main Warehouse Facility

two story concrete structure

Single story concrete structure

Camino Nuevo



© 2007 Europa Technologies
© 2007 Navteq

© 2005 Google

Radiation Safety Inspection
Portable Gauge Audit

Institution's Name Jaca & Sierra Testing Laboratories

Date: 4 / 25 / 07
Month Day Year

Performed by: David Rhoe

The following documents were reviewed and evaluated in regard to the NRC Regulations and conditions of the license:

ORGANIZATION

- | | | | |
|--|----------------------------------|----------------------------------|----------------------|
| 1. Storage area changed? | Yes | <input checked="" type="radio"/> | No |
| • Maximum dose rate at 1 meter from surface of storage area: <u>< 2.0</u> mR/hr | | | |
| 2. RSO changed? | Yes | <input checked="" type="radio"/> | No |
| If RSO changed, does the RSO: | | | |
| 1. Stop unsafe activates? | <input checked="" type="radio"/> | No | NA |
| 2. Proper use & maintenance? | <input checked="" type="radio"/> | No | NA |
| 3. Training of personnel (excess of 100 mRem)? | <input checked="" type="radio"/> | No | NA |
| 4. Hazmat training (once every 3 yrs)? Date <u>Aug 04</u> | <input checked="" type="radio"/> | No | NA |
| | | | <i>Due in August</i> |
| 4. Possession of a radiation survey meter? | <input checked="" type="radio"/> | No | |
| <input type="checkbox"/> Unit calibrated? Last calibration date: <u>Nov 2006</u> | <input checked="" type="radio"/> | No | NA |
| 5. Personnel Dosimetry | <input checked="" type="radio"/> | No | NA |
| 6. Inventory of Sources/leak test | <input checked="" type="radio"/> | No | NA |
| 7. Posting of radiation signs – Notices
Notice to Employees, 206, and radiation signs | <input checked="" type="radio"/> | No | NA |
| 8. Radiation Incidents (Reports) | Yes | <input checked="" type="radio"/> | None |
| 9. Safe storage of radiation sources | <input checked="" type="radio"/> | No | NA |
| 10. Shipper's papers | <input checked="" type="radio"/> | No | NA |
| 11. Operation /Emergency procedures (Responsibilities of the Gauge Users)? | <input checked="" type="radio"/> | No | NA |
| 12. 10 CRF regulations on file (Parts 19, 20, 21, 30, and 71) | <input checked="" type="radio"/> | No | NA |
| 13. Change in ownership | Yes | <input checked="" type="radio"/> | No |
| 14. Others: _____ | Yes | No | NA |

21 The following CPN AmBe/C's sources were inventoried and leak tested.

Number	Model Number	Serial Number
<input type="checkbox"/> 4	MC-1	SnM-14125852
<input type="checkbox"/> 5	MC-1	SnM-15056015
<input type="checkbox"/> 6	MC-1	SnM-15096423
<input type="checkbox"/> 7	MC-1	SnM-15096421
<input type="checkbox"/> 8	MC-1	SnM-16107132
<input type="checkbox"/> 9	MC-1	SnM-16117208
<input type="checkbox"/> 10	MC-1	SnM-16117209
<input type="checkbox"/> 11	MC-1	SnM-17067726
<input type="checkbox"/> 12	MC-1	SnM-17077751
<input type="checkbox"/> 13	MC-1	SnM-17067731
<input type="checkbox"/> 14	MC-1	SnM-17077753
<input type="checkbox"/> 15	MC-1	SnM-18038148
<input type="checkbox"/> 16	MC-1	SnM-18038168
<input type="checkbox"/> 17	MC-1 DR-P	SnMD-90505012
<input type="checkbox"/> 18	MC-1 DR-P	SnMD-90505013
<input type="checkbox"/> 19	MC-1 DR-P	SnMD00505678
<input type="checkbox"/> 20	MC-1 DR-P	SnMD10106034
<input type="checkbox"/> 21	MC-1 DR-P	SnMD10106035
<input type="checkbox"/> 22	MC-1	SnM110500268
<input type="checkbox"/> 23	MC-1 DR-P	SnMD40307326
<input type="checkbox"/> 24	MC-1 DR-P	SnMD50607940
<input type="checkbox"/> 25		
<input type="checkbox"/> 26		

Comments:

Management Signature Marcelo O. Arceles Ramirez

Management's corrective actions:

- 1.
- 2.
- 3.
- 4.

Leak Test Record
NRC License 52-25430-01

Leak Tested For: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2


Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-14125852	103	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-15056015	101	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-15096423	118	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 μ Ci Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-15096421	111	0.00018

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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2


Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-16107132	125	0.00020

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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 μ Ci Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2


Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-16117208	102	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-16117209	101	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-17067726	112	0.00018

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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-17077751	114	0.00018

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: Jaca & Sierra
Leak Tested By: David Rhoe
Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986
Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-17067731	90	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2


Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-17077753	128	0.00020

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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 μ Ci Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-18038148	130	0.00021

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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM-18038168	105	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnMD-90505012	112	0.00018

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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnMD-90505013	114	0.00018

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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnMD00505678	98	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnMD10106034	103	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2


Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnMD10106035	104	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM110500268	117	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: Jaca & Sierra
Leak Tested By: David Rhoe
Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986
Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM40307326	122	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: Jaca & Sierra
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079
Standard Activity: 0.1 uCi Nominally
Date of Standard: Nov. 1, 1986

Date of Leak Test: 25-Apr-07
Decay Activity: 0.06231 From decay chart
Standard (dpm): 138328.2

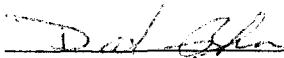
Instrument: Beckman Gamma
Instrument Model Number: 5500
Instrument Serial Number: 8044788

Standard (cpm) 39225
Efficiency: 0.28356 28.4 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.213E-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.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 SnM50607940	104	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

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

5/29/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 52-19064-01 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** 140596.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.