

March 09, 2010

United States Nuclear Regulatory Commission Region II
Sam Nunn Atlanta Federal Center
Suite 23T85, 61 Forsyth Street SW
Atlanta, GA 30303-8931.

Victor Rivera Associates
Geotechnical Engineers
Box 32198
Ponce, Puerto Rico 00732-2198

License No. 52-19885-02

NRC Event # 43295 Report Summary

Herein submitted is the event report requested after the inspection conducted on March 04, 2010. All the information and corrective measures were conducted I due time. If any question regards to the attached information, please contact us.

Thanks

Eng. José R. Rivera Nazario
Project Engineer

cc:
United States Nuclear Regulatory Commission
Document Control Desk, Director, Office of Federal
and Environmental Management Programs
Washington, DC 20555-0001

Enclosures:

Event Summary Report
License
Event Summary Report 04-10-07
Leak Test Certificate
CPN International e-mail Correspondence
CPN Letter of Receipt of Gauge/sealed Source

2010 APR - 6 AM 10:33

RECEIVED
REGION 1



VICTOR E. RIVERA ASSOCIATES
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES

March 09 2010

United States Nuclear Regulatory Commission
Document Control Desk, Director, Office of Federal
and Environmental Management Programs
Washington, DC 20555-0001

Victor Rivera Associates
Geotechnical Engineers
Box 32198
Ponce, Puerto Rico 00732-2198

License No. 52-19885-02

NRC Event # 43295 Report Summary

Location of the Incident: La Alborada Residential Project
State Road #14, Km. 7.4
Ponce, Puerto Rico

Description:

at 8:14 am the technician took a density test at the proposed west side street at the reference project. He notes a fill soft spot at the area where a Caterpillar Compaction Roll (CS-433C #3JM00349 serial 5HK38476) was compacting, so he placed the gauge handle on the safe position and walk toward the spot (22 ft); place the gauge on the ground and continue walking(58 ft) to the soft spot area. He was inspecting the area when the roll moved in reverse passing over the gauge with the rear tires. The technician alerted roll operator and said to move it away from the gauge. He called Mr. Luis Urquiza P.E., project engineer in charge from this office who called the RSO to proceed accordingly with the incident.

We arrived at the project at 9:00 AM. We performed a site reconnaissance using a Ludlum survey meter (model 2401-EW) to check the area and the compaction roll any radiation. Background measurements were less than 0.02 mrem/hour. Also, counting readings taken 1 foot and 3.0 feet away from the gauge resulted in readings of 0.8 rem/hr and 0.1 mrem/hr, respectively. These counting falls well below the permissible safety margins.

At 9:47 AM we notified the incident to Mr. David Rhoe (RSO and Medical Health Physics Consultant) so he travels to the site arriving near noon. At 11:45 AM we performed one(1) measurement on the Am241 and Cs137 with backgrounds readings less than 0.02mrem/hr. A second trial of swab tests were performed by Mr. Rhoe at the top of the case where the rod guide tube was; and on the Cs137 aperture. Backgrounds measurements were below 0.02 mrem/hr. mark.

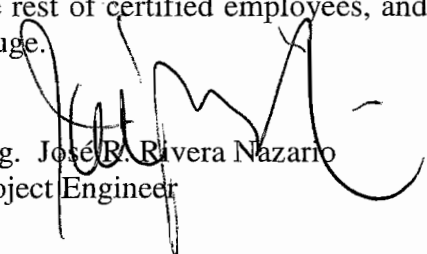


VICTOR E. RIVERA ASSOCIATES
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES

After completion of the field reconnaissance and tests, we jointly with Mr Rhoe reported to the incident to the NRC at 12:14 PM. They gave us the event number 43295.

Several photos was taken a send via e-mail to CPN International to send the gauge. The reason was the gauge is an old model and the cost for repairs was to expensive as well as the electronics are difficult to find-out.

Attached are the documents of the corrective actions to the gauge technician as well as to the rest of certified employees, and the documents pertaining with the disposition of the gauge.


Eng. José R. Rivera Nazario
Project Engineer

Enclosure:

License
Event Summary Report 04-10-07
Leak Test Certificate
CPN International e-mail Correspondence
CPN Letter of Receipt of Gauge/sealed Source



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GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES

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 1. Victor E. Rivera Associates Geotechnical Engineers 2. Box 198, Station #6 Ponce, Puerto Rico 00732	In accordance with letter dated October 15, 2002 3. License No. 52-19885-02 is renewed in its entirety to read as follows: 4. Expiration Date: March 31, 2013 5. Docket No. 030-30301	
6. Byproduct, source, and/or special nuclear material A. Cesium 137 B. Americium 241	7. Chemical and/or physical form A. Sealed sources (CPN International Model CPN-131) B. Sealed neutron sources (CPN International Model CPN-131)	8. Maximum amount that licensee may possess at any one time under this license A. No single source to exceed 370 megabecquerels (MBq) (10 millicuries [mCi]) B. No single source to exceed 1.85 gigabecquerels (GBq) (50 mCi)
9. Authorized Use: A. and B. To be used, for measuring physical properties of materials, in Campbell Pacific Nuclear Corporation Model MC series 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.		

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at Lot #5 Reparto Industrial El Tuque, Road No. 2-Km. 221.8, Ponce, 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.

If the jurisdictional 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 Agreement State regulatory agency.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License No.
52-19885-02Docket No.
030-30301Amendment No.
4

11. A. 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 letter dated March 17, 2003.
- B. The Radiation Safety Officer (RSO) for this license is J. R. Rivera Nazario, who must have successfully completed the training described in letter dated March 17, 2003, before assuming the duties of RSO.
12. 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 NRC under 10 CFR 32.210 or by 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 NRC under 10 CFR 32.210 or by an Agreement State prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- 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 of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U. S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50 (b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region II, 61 Forsyth Street, SW, Suite 23T85, Atlanta, GA 30303. The report shall specify the source involved, the test results, and corrective action taken.
- E. Tests of leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not 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.
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. The licensee shall conduct a physical inventory every 6 months, or at other interval approved by NRC, to account for all sources and/or devices received and possessed under the license.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License No.
52-19885-02Docket No.
030-30301Amendment No.
4

15. Each portable 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.
16. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from NRC 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 Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
17. Any cleaning, maintenance, or repair of the gauges that requires removal of the source rod shall be performed only by the manufacturer or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. In accordance with the requirements set forth in 10 CFR 30.36(d), the licensee shall notify the U. S. Nuclear Regulatory Commission, Region II, 61 Forsyth Street SW, Suite 23T85, Atlanta, GA 30303, in writing, of a decision not to complete the facility, acquire equipment, or possess and use authorized material.
20. A. If the licensee uses sealed sources or probes containing sealed sources at depths greater than 3 feet, 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.
- 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 decommissioning financial assurance.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License No.
52-19885-02Docket No.
030-30301

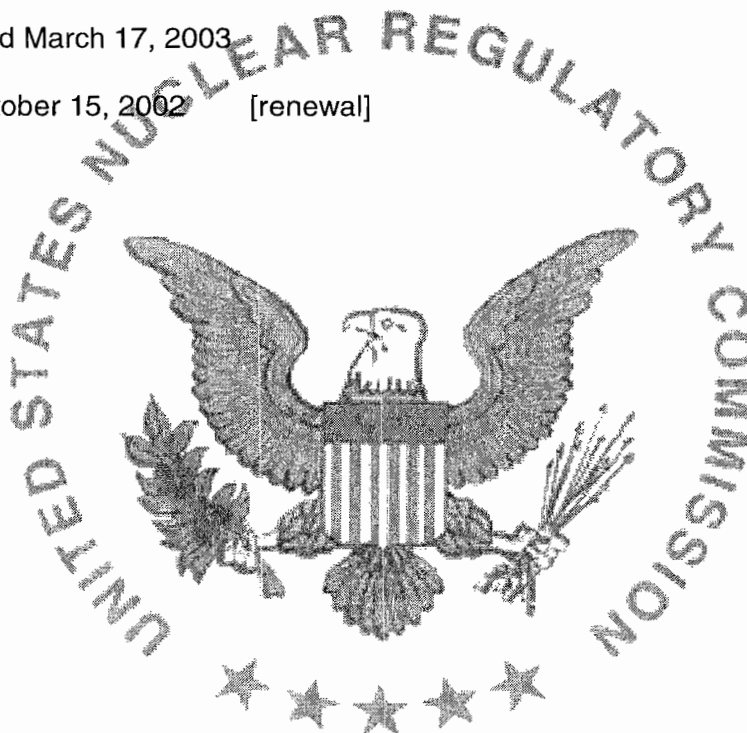
Amendment No.

4

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 17, 2003

B. Letter dated October 15, 2002 [renewal]



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DATE MAR 27 2003

BY

José M. Díaz Vélez, Health Physicist
Region II, Division of Nuclear Materials Safety
61 Forsyth Street, Suite 23185
Atlanta, GA 30303

April

~~March~~ 10, 2007

Nuclear Gauge Event Summary

Project : La Alborada Residential Development
State Road 14 Km. 7.4
Ponce, Puerto Rico

Contractor : Lorraine Construction

Field Technician : Gabriel Colón Vega

Nuclear Gauge #1 SN M15096422

Summary:

at 8:14 am the technician took a density test at the proposed west side street at the reference project. He notes a fill soft spot at the area where a Caterpillar Compaction Roll (CS-433C #3JM00349 serial 5HK38476) was compacting, so he placed the gauge handle on the safe position and walk toward the spot (22 ft); place the gauge on the ground and continue walking (58 ft) to the soft spot area. He was inspecting the area when the roll moved in reverse passing over the gauge with the rear tires. The technician alerted roll operator and said to move it away from the gauge. He called Mr. Luis Urquiza P.E., project engineer in charge from this office who called the RSO to proceed accordingly with the incident.

We arrived at the project at 9:00 AM. We performed a site reconnaissance using a Ludlum survey meter (model 2401-EW) to check the area and the compaction roll any radiation. Background measurements were less than 0.02 mrem/hour. Also, counting readings taken 1 foot and 3.0 feet away from the gauge resulted in readings of 0.8 mrem/hr and 0.1 mrem/hr, respectively. These counting falls well below the permissible safety margins.

At 9:47 AM we notified the incident to Mr. David Rhoe (RSO and Medical Health Physics Consultant) so he travels to the site arriving near noon. At 11:45 AM we performed one(1) measurement on the Am241 and Cs137 with backgrounds readings less than 0.02mrem/hr. A second trial of swab tests were performed by Mr. Rhoe at the top of the case where the rod guide tube was; and on the Cs137 aperture. Backgrounds measurements were below 0.02 mrem/hr. mark.



VICTOR E. RIVERA ASSOCIATES, INC.
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES

After completion of the field reconnaissance and tests, we jointly with Mr Rhoe reported to the incident to the NRC at 12:14 PM. They gave us the event number 43295.

See attached photos of the event.




Eng. José R. Rivera Nazario
RSO



VICTOR E. RIVERA ASSOCIATES, INC.
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES

Att: Doug Carter

Leak Test Record
NRC License 52-25430-01

Leak Tested For: Victor Rivera
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: 10-Apr-07
Decay Activity: 0.06237 From decay chart
Standard (dpm): 138461.4

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

Standard (cpm) 39240
Efficiency: 0.28340 28.3 %
Counting time (minutes) 1
Background (cpm) 97
Minimum Detectable Activity: 2.214E-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-15096422	122	0.00019

MC-1
#1

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

Date: Tue, 10 Apr 2007 14:02:56 -0700 [04/10/2007 05:02:56 PM AST]
 From: rso@cpn-intl.com
 To: Jose Rivera Nazario <vorivera@prtc.net>
 Cc: Alicia Christman <sales@cpn-intl.com>, Kelly O'Brien <service@cpn-intl.com>
 Subject: Damaged Gauge Return

2 unnamed [text/html] 1.83 KB

Jose:

Thank you for sending the photographs of the damaged MC-1 Portaprobe density/moisture gauge. They demonstrate that the gamma source at the end of the rod is secured in the lead and carbide shielding built into the bottom pan of the gauge.

As required, you have reported the incident to the NRC. Keep the gauge in the permanent storage location until a leak test of the sources has been conducted and a leak test certificate is on file.

By separate fax I am sending you a Request for Gauge Return form and a memorandum about discontinued special form certificates (SFC) in older MC-1 gauges. Complete and return the form and we will assign you a Return Authorization Number (RA#) and send gauge return instructions.

I will be out of the office on Wednesday (tomorrow), but will return Thursday morning to take follow-up action.

Sincerely,

Doug Carter
 Radiation Safety Officer
 CPN International, Inc.

DAVID,

good morning. I'm not received yet
 the leak test certificate of the
 damaged gauge. Please send by
 fax to deal with the requirements
 of CDH.

Thanks

JOSE

Date: Tue, 10 Apr 2007 14:43:21 -0400 [02:43:21 PM AST]

From: verivera@prtc.net

To: rso@cpn-intl.com

Subject: nuclear gauge photos

 1 HTML Version of Message [text/html] 0.82 KB

March 10, 2007

Doug

Herein submitted are the photos of the nuclear gauge incident and how it was prepared to send to your company for repairs. David Rhoe was the person in charge at the site to revise the radiation exposure. This event was already reported to the nuclear comission (event number 43295). If you have any question please call us, send a fax or an e-mail.

thanks

Jose R. Rivera Nazario, RSO

Phone 787-2591410; 259-1411; 259-1454; 843-6538

Fax 787-259-1604

e-mail verivera@prtc.net

This message was sent using <http://webmail.coqui.net>

 2 unnamed [text/plain] 0.08 KB

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 3 unnamed [text/plain] 0.08 KB

[Attachment stripped: Original attachment type: "image/pjpeg", name: "DSCF0802.JPG"]

 4 unnamed [text/plain] 0.08 KB

[Attachment stripped: Original attachment type: "image/pjpeg", name: "DSCF0803.JPG"]

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 6 unnamed [text/plain] 0.08 KB

[Attachment stripped: Original attachment type: "image/pjpeg", name: "DSCF0806.JPG"]



Advanced Instrumentation for Density
& Moisture Testing of Soils & Pavements

CPN International, Inc.
4057 Port Chicago Highway, Suite 100
Concord, CA 94520 USA
Phone: (925) 363-9770
Fax: (925) 363-9385
e-mail: cpn@cpn-intl.com

Return Authorization Number: 1103

LETTER OF RECEIPT OF GAUGE / SEALED SOURCE

To Radioactive Material Licensing Agencies:

CPN International Inc. has taken possession of the following nuclear gauge(s). A certificate of leak test is on file.

Date of Transfer: August 20, 2007

Model No. MC-1

Serial No. M15096422

Activity: 10 mCi

Nuclide: Cs-137

Activity: 50 mCi

Nuclide: Am-241/Be

Licensee: Victor Rivera & Associates
Box 32198
Ponce, PR 00732-2198

Attn: Jose B. Rivera Nazario

Ph: (787) 259-1410

Douglas Carter
Radiation Safety Officer
CPN International, Inc.
(California License No. 1100-07)

Abn 7

10 de ~~marzo~~ de 2007

A: Gabriel Colón Vega
Inspector de Movimiento de Tierra

Proyecto: La Alborada Residential Development
Carretera 14, Km. 7.4
Ponce, P.R.

Contratista : Lorraine Construction

Asunto: Incidente Máquina Nuclear #1
Modelo MC-1
Número de Serie M15096422

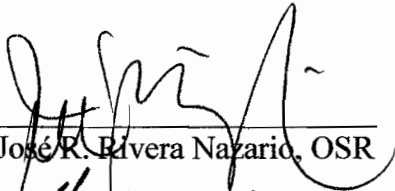
Por este medio hacemos constar que el evento ocurrido el día de hoy en horas de la mañana en el proyecto de referencia fue producto de negligencia al dejar el metro de densidad en el suelo y no de colocarlo en su caja de transporte luego de tomar las pruebas de campo. En el pasado la Comisión Reguladora de Energía Nuclear reportó 12 eventos parecidos durante un año calendario en toda la nación americana por las mismas circunstancias de no seguir el procedimiento durante o después de tomar las pruebas de campo. Este tipo de situación pudiera tener severas implicaciones con el uso y manejo de estos instrumentos en la compañía ya que se les ha entrenado en todos los aspectos de uso, manejo y seguridad.

Ya que solo la varilla de la fuente Cs137 se partió en su parte superior y esta se mantuvo dentro del cuerpo de la máquina, la operación de recuperación del equipo no tuvo mayores contratiempos. No hubo contaminación con material radioactivo en la zona del incidente.

La movilización del equipo para ser reparado o para su disposición final en un vertedero asignado espera por una decisión del manufacturero. La reparación del equipo puede estar en el orden de los \$2,000.00 dólares. Si se fuera a disponer el costo es de \$750.00 dólares y la adquisición de un equipo nuevo es de 6,000.00 dólares, esto sin considerar cualquier otra sanción económica por parte de la Comisión.

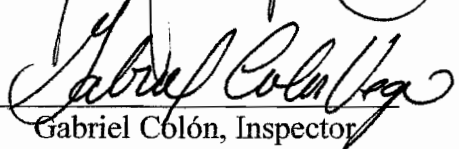
Este documento es informativo y sirve como confirmación de un aviso verbal dado a usted en horas de la tarde.

Entregado por:


José R. Rivera Nazario, OSR

04/12/07
Fecha

Recibido por:


Gabriel Colón, Inspector

4/12/07
Fecha



VICTOR E. RIVERA ASSOCIATES, INC.
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES



Entrega de Comunicado Incidente Máquina Nuclear 10 de Abril de 2007



Maquina #	MODELO	NUMERO DE SERIE	TECNICO	Firma
1	MC-1	M-15096422	GABRIEL COLON	<i>Gabriel Colon</i>
2	MC-1	M-14085639		
3	MC-1	M-16086998	PABLO VALENTIN	<i>Pablo Valentin</i>
4	MC-1	M-14125857	ANGEL RAMOS	<i>Angel Ramos</i>
5	MC-1	M-15066173	HERNAN TORRES MUÑIZ	<i>Hernan Torres Muniz</i>
6	MC-3	M-38038120	HECTOR J RIOS	<i>Hector J Rios</i>
7	MC-3	M-38098468	WILFREDO COSTAS	<i>Wilfredo Costas</i>
8	MC-3	M-38128632	JORGE SILVA	<i>Jorge Silva</i>
9	MC-3	M-360603101	HECTOR RIVERA	<i>Hector Rivera</i>
10	MC-3	M-360903376	EDUARDO VICENS	<i>Eduardo Vicens</i>
11	MC-3	M-361103490	NEFTALI GARCIA	<i>Neftali Garcia</i>
12	MC-3	M-380304171	HIRAM SERRANO	<i>Hiram Serrano</i>
13	MC-3	M-391005355	HERIBERTO RODRIGUEZ	<i>Heriberto Rodriguez</i>
14	MC-3	M-300305537	RUBEN PEREZ	<i>Ruben Perez</i>
15	MC-3	M-3102026039	ANTONIO DELGADO	<i>Antonio Delgado</i>
16	MC-1DR	MD-11206409	EDWIN ALVAREZ	<i>Edwin Alvarez</i>
17	MC-3	M-35096355	DOMINGO HERNANDEZ	<i>Domingo Hernandez</i>
18	MC1-DR	MD20806708	JUAN COLON RENTAS	<i>Juan Colon Rentas</i>
19	MC1-DR	MD21006769	CARLOS CASTRO	<i>Carlos Castro</i>
20	MC-3	M-310500276	JUAN C. LARACUENTE	<i>J.C. Laracuento</i>
			SAMUEL ACOSTA	<i>Samuel Acosta</i>
			LUIS URIEL PLAZA	<i>Luis Uriel Plaza</i>

11 de marzo de 2007

A: Inspectores de Movimiento de Tierra y
Usuarios de Metros Nucleares

Asunto: Incidente Máquina Nuclear

Por este medio notificamos que durante en día de ayer en horas de la mañana uno de nuestros metros nucleares sufrió una rotura por las ruedas traseras de un rolo compactador (ver fotos). Este incidente fue causado por un acto de negligencia por no seguirse los procedimientos de uso y manejo del metro nuclear después de haberse tomado las pruebas de campo. En varias ocasiones hemos reiterado en reuniones sobre aspectos del manejo, uso y procedimientos de seguridad con estos equipos.

En el pasado la Comisión Reguladora de Energía Nuclear reportó 12 eventos parecidos durante un año calendario en toda la nación americana por las mismas circunstancias de no seguir el procedimiento durante o después de tomar las pruebas de campo. Este tipo de situación pudiera tener severas implicaciones con el uso y manejo de estos instrumentos en la compañía ya que se les ha entrenado en todos los aspectos de uso, manejo y seguridad.

En este incidente la varilla de la fuente Cs137 se partió en su parte superior y esta se mantuvo dentro del cuerpo de la máquina, la operación de recuperación del equipo no tuvo mayores contratiempos. No hubo contaminación con material radioactivo en la zona del incidente.

La movilización del equipo para ser reparado o para su disposición final en un vertedero asignado espera por una decisión del fabricante. La reparación del equipo puede estar en el orden de los \$2,000.00 dólares. Si se fuera a disponer el costo es de \$750.00 dólares y la adquisición de un equipo nuevo es de 6,000.00 dólares sin considerar cualquier otra sanción económica por parte de la Comisión.

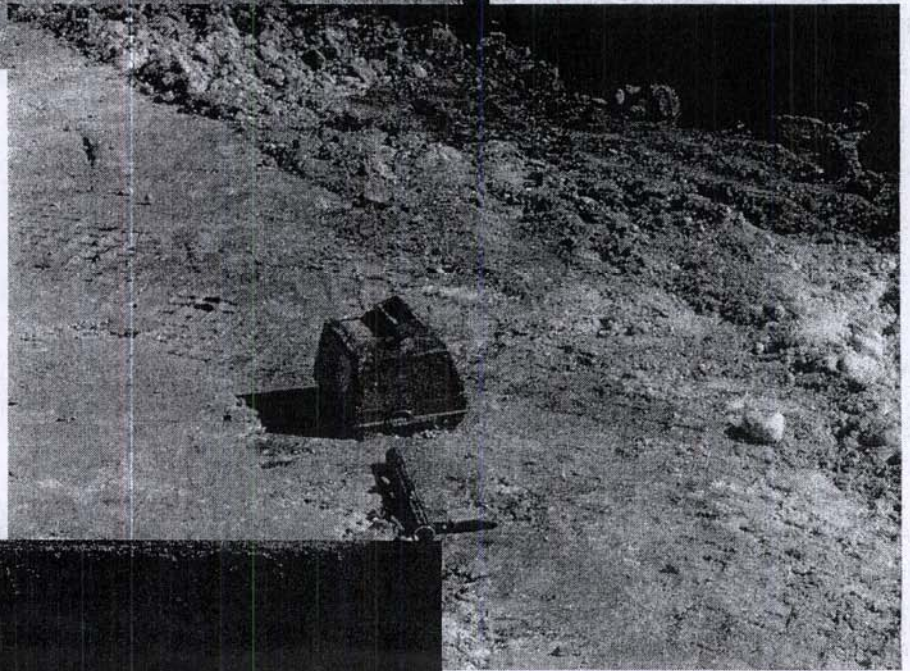
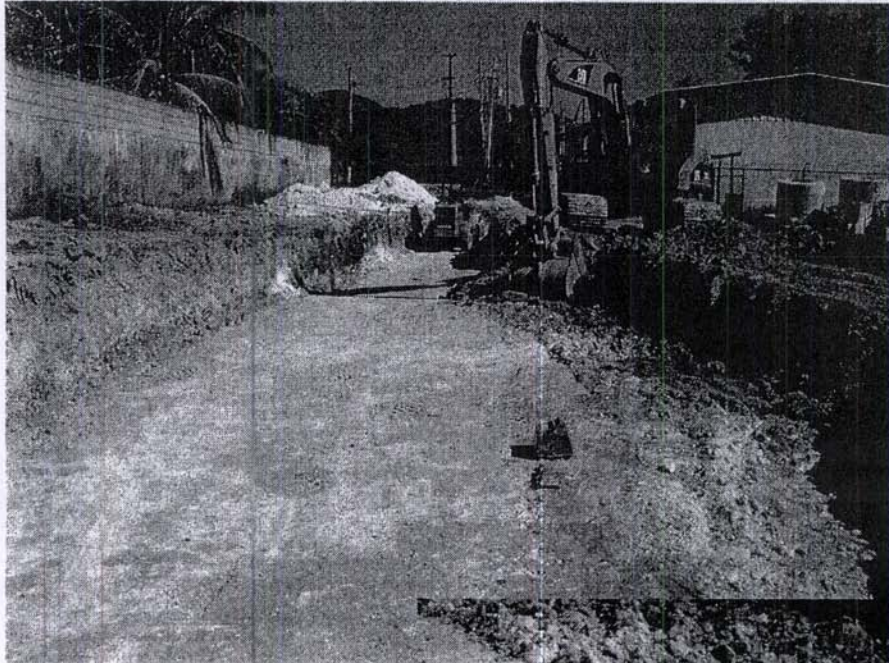
Este incidente nos debe de servir a todos los usuarios de metros nucleares a reforzar los procedimientos aprendidos durante su entrenamiento para así evitar en el futuro incidentes como este. Debemos recordar que es asunto de todos el conservar nuestra licencia de usuarios de metros nucleares en buen "standing".

De tener alguna duda técnica con lo aquí expuesto favor de comunicarse conmigo.

Ing. José R. Rivera Nazario, OSR



VICTOR E. RIVERA ASSOCIATES, INC.
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES



VICTOR E. RIVERA ASSOCIATES, INC.
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES

Apr 2
March 10, 2007



Nuclear Gauge Event

***Project : La Alborada Development
State Road 14, Km, 7.4
Ponce, Puerto Rico***

***Contractor : Lorraine Construction
Field Technician : Gabriel Colon***

***NRC Event Number
43295***



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Apr 7

~~March 10, 2007~~



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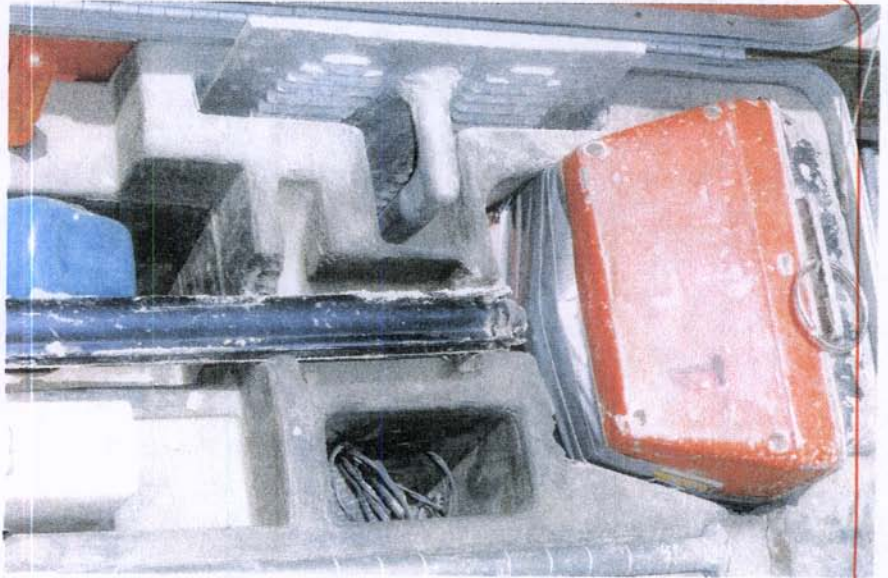
***NRC Event Number
43295***



**VICTOR E. RIVERA ASSOCIATES
GEOTECHNICAL ENGINEERS
& CONCRETE TESTING LABORATORIES**

April

March 10, 2007



Nuclear Gauge Event

***Project : La Alborada Development
State Road 14, Km, 7.4
Ponce, Puerto Rico***

***Contractor : Lorraine Construction
Field Technician : Gabriel Colon***

***NRC Event Number
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