



Ferrovia Agroman
Ave. Ponce de León 1250
San Jose Building Of 901
Santurce, P.R.
Zip-Code. 00907

Mr. Sattar Lodhi
U. S. Nuclear Regulatory Commission
Region I
Division of Nuclear Materials Safety
King of Prussia, PA 19406-2713
(61 0) 337 5364

To Mr. Sattar Lodhi

Hereby I'm sending you the information required for the incident report of the Moisture-Density Gauge robbery:

Incident information:

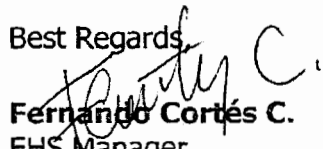
- Date: April 28, 2015
- Time: 09:50 am ET (Eastern Time)
- Place: PR-21 Highway; near to the former penitentiary "Oso Blanco" (construction site project)

Equipment Information:

- Manufacture: Troxler Electronic Laboratories, Inc.
- Model: 3430-Surface Moisture-Density Gauge
- Number Series: 37246

Feel free to contact us if you need any other information.

Best Regards


Fernando Cortés C.
EHS Manager
Health and Safety Department
Ferrovia Agroman – Puerto Rico
fernandocortes@ferrovial.com

Cell: (787) 223-4627
Phone: (787) 725-5505
Fax (787) 725-5530
Ave. Ponce de León 1250
Suite 901-902
Parada 18, Santurce

Rec'd for processing
11/24/15



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INCIDENT REPORT

Company	FerroviaL Agroman LLC
Address	Ave. Ponce de León 1250, suite 901
State	Puerto Rico
Telephone	(787) 725.5505
Facsimile	(787) 725.5530
Safety Radiation Officer	Fernando Cortés Castro
Telephone	(787) 223.4627
email	fernandocortes@ferroviaL.com

1. A description of the licensed material involved, including kind, quantity, and chemical and physical form.

Material involved specifications

Manufacture : Troxler Electronic Laboratories, Inc
Model : 3430-Surface Moisture-Density Gauge
Number Series : 37246
Cesium 137 : $0.3 \pm 10\%$ GBq ($8 \pm 10\%$ mCi)
Americium 241 : $1.48 \pm 10\%$ GBq ($40 \pm 10\%$ mCi)

Mechanical specifications

Base : Cast Aluminum
Gauge Size (w/o) : 14.45 x 8.85 x 6.45 in
Gauge Height (w / handle) : 23.25 in (591 mm) for 12" rod
Transportations case : 29.5 x 14.0 x 17.0 in
Weight : 29 lb (13 kg)
Shipping Weight : 86 lb (39 kg)

2. A description of the circumstances under which the loss or theft occurred.

Incident Information:

Date : April 28, 2015
Time : 09:50 am, ET (Eastern Time)
Place : PR-21 Highway; near of the former penitentiary "Oso Blanco" (construction site project)

Description of Incident:

On April 28 of 2015 around 09:50am ET (Eastern Time) Mr. Jorge Rivera, operator of the Troxler 3430 nuclear gauge arrived to the construction site on highway PR-21 near of the old state penitentiary, known as Oso Blanco, in Río Piedras, PR. At the time Mr. Rivera was driving a 2005 Mazda pickup truck with license plate 785-337 where compaction tests would take place. Suddenly and out no where an individual enters the premises and drive away with the vehicle, the gauge/accessories and other personal belongings.



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3. A statement of disposition, or probable disposition, of the licensed material involved

At this moment, no trace of the machine (gauge/accessories) that was stolen has not been found since April 28 of 2015 and there is no information about its likely location to date.

4. Exposures of individuals to radiation, circumstances under which the exposures occurred, and the possible total effective dose equivalent to persons in unrestricted areas.

There are no individuals exposed to radiation, the machine (Troxler 3430) where on his shipping case or container for it proper transportation.

5. Actions that have been taken, or will be taken, to recover the material.

- a. Immediately we called the 9-1-1 Emergency Management of Puerto Rico
- b. A complaint was performed with the Puerto Rico Police Department. (Complaint num. Q-2015-1-162-4467, Mr. Torres, Badge 30858, Rio Piedras, PR.)
- c. Ferrovial Agroman LLC began an investigation of the incident.
- d. There was an interview with Mr. Abel Nasser, agent to Homeland Security due to the investigation of the incident.
- e. The situation ("EMERGENCY" Stolen Machine) was notified to all local newspapers in Puerto Rico (Nuevo Dia, Primera Hora and El Vocero.)
- f. We notify Mr. Sattar Lodhi, Region I, from the U.S. Nuclear Regulatory Commission at 610-337-5364 on April 28, 2015. Also we had communication with Mr. Héctor Bermúdez at 404-997-4734 on April 29, 2015.
- g. On April 29 of 2015, the stolen vehicle was recovered but there were no trace of the machine (nuclear gauge and accessories).
- h. A picture of a similar machine was published by "El Vocero" newspaper.

6. Procedures or measures that have been, or will be, adopted to ensure against a recurrence of the loss or theft of licensed material.

- a. The method and procedure for the use and handling machine with radioactive sources was reviewed.
- b. The procedure in case of any event, damage, loss, or theft of a machine with sources radioactive was also reviewed.
- c. Owners, operators and authorized personnel are encouraged and oriented on the procedure before the use or the procedure in case of any emergency before the use of this instrument (Troxler 3430) Nuclear Dosimeter.

Flores C.