

December 18, 2013

Administrator
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 6532-4352

Cardno ATC

7988 Centerpoint Dr.
Suite 100
Indianapolis, IN 46256

Phone +1 317 849 4990
Fax +1 317 849 4278
www.cardno.com

www.cardnoatc.com

RE: NRC Event Number 49556

Pursuant to NRC 10 CFR 20.2201, Subpart M, the following report is submitted.

1. Description of the licensed material involved, including kind quantity, and the chemical and physical form.
 1. Cs 137/Am241:Be,0.3 GBq (8mCi)/1.48 GBq(40mCi)
2. Description of the circumstances under which the loss or theft occurred.
 2. On November 18, 2013, at approximately 5:00 pm a Cardno ATC field technician stopped at the Target Store, 6925 West 38th Street, Indiana, on his way home from a job site at Eli Lilly. The technician stated that he had left the driver side door unlocked and the keys were also left in the ignition. Upon exiting the store he noticed the company truck had been stolen. Indianapolis Metropolitan Police Department was notified at 6:22 pm. The truck contained a Troxler Nuclear Density Gauge, Serial number 15760, as well as other company equipment, and personal items of the technician (see attached police report). Based on conversation with the former employee the gauge was properly secured in the bed of the truck by means of two independent locks and chains. IMPD reviewed the video surveillance from Target. It was very distant and they couldn't make out any details on the person(s) or vehicle involved in the theft
3. Statement of disposition, or probable disposition, of the licensed material involved.
 3. Unknown at this time. As of this date the gauge has not been recovered.
4. Exposures of individuals to radiation, circumstances under which the exposures occurred, and the possible total effective dose equivalent to persons in unrestricted areas.

4. Unknown at this time. The radiation emitted by the device is less than 300 microrems, whereas a typical X-ray emits about 5,000 microrems. The device is used to measure density in soil and is used by construction companies on a daily basis. As of this date the gauge has not been recovered.

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

5. The attached \$500.00 reward notice for the return of the gauge has been posted on Craigslist. In addition the attached e-mail was sent to the Indiana Apartment Association requesting their assistance in locating the company truck which may be abandoned at one of their properties.

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

6. The technician involved in this incident was terminated on November 19, 2013. The attached memo was distributed to all field technicians on November 19, 2013, reminding them of the company policy as relates to the use, transportation, and storage of gauges.

Sincerely,



Russ Bennett
Radiation Safety Officer
Cardno ATC, Indianapolis



Randy Morton
Branch Manager
Cardno ATC, Indianapolis

Attachments

INDIANAPOLIS METROPOLITAN POLICE DEPARTMENT
FOR PUBLIC RELEASE
CASE REPORT: 13-0152933 - 0000

Indianapolis Metropolitan Police Dept.
Certified to be true

INCIDENT: 260 STOLEN VEHICLE
LOCATION: 6925 W 38TH ST
GEO ZONE: 634064 AREA: MNW BEAT: NW70
OCCURRED: 11/18/2013 17:00 TO 11/18/2013 18:20
REPORTED: 11/18/2013 AT 18:22
ARRESTS: 0 INJURED: 0 DEAD: 0 VEHICLE TOWED: 0

MODUS OPERANDI:
METHOD OF ENTRY:
POINT OF ENTRY: ENTRY LOCATION:
WEAPON USED: CRIME CODE: VEHICLE THEFT
GANG ACTIVITY: GANG:
ALARM:

PERSON: 1
PERSON INVOLVEMENT: COM COMPLAINANT

PERSON: 2
PERSON INVOLVEMENT: VIC VICTIM
PERSON NAME: ATC GROUP SERVICES INC
RACE: SEX:
DATE OF BIRTH: AGE:
ADDRESS: 600 CORPORATE PARK DR
CITY, STATE, ZIP: SAINT LOUIS MS 63105
CONNECT WITH VEHICLE: NO.1

VEHICLE: 1
VEHICLE INVOLVEMENT: STN STOLEN VEHICLE
VEHICLE TYPE: B PICKUP
VEHICLE YEAR: 2004 MAKE: GMC MODEL: SIE COLOR: WHITE STYLE: PK
VIN: 1GTEC14V34Z900482
LICENSE NO: TK911LAB STATE: IN YEAR: 2014

PROPERTY: 1
PROPERTY INVOLVEMENT: STN STOLEN
PROPERTY TYPE: ARTICLE
CATEGORY: 7 HOUSEHOLD GOODS
ARTICLE: GAGE
NUMBER OF PIECES: 1
PROPERTY DESCRIPTION: NUCLEAR DENSITY GAGE IN YELLOW BOX
VALUE: \$5000.00

PROPERTY: 2
PROPERTY INVOLVEMENT: STN STOLEN

Exhibit E

PROPERTY TYPE: ARTICLE
CATEGORY: R ELECTRONIC/AUDIO/STEREO/TV
ARTICLE: LAPTOP
BRAND: ACER
NUMBER OF PIECES: 1
PROPERTY DESCRIPTION: ACER LAPTOP COMPUTER
VALUE: \$300.00

PROPERTY: 3
PROPERTY INVOLVEMENT: STN STOLEN
PROPERTY TYPE: ARTICLE
CATEGORY: 7 HOUSEHOLD GOODS
ARTICLE: TESTER
NUMBER OF PIECES: 1
PROPERTY DESCRIPTION: FLOOR FLATNESS TESTER
VALUE: \$10000.00

PROPERTY: 4
PROPERTY INVOLVEMENT: STN STOLEN
PROPERTY TYPE: ARTICLE
CATEGORY: R ELECTRONIC/AUDIO/STEREO/TV
ARTICLE: CAMERA
BRAND: NIKON
MODEL: S1
NUMBER OF PIECES: 1
PROPERTY DESCRIPTION: DIGITAL CAMERA
VALUE: \$100.00

PROPERTY: 5
PROPERTY INVOLVEMENT: STN STOLEN
PROPERTY TYPE: ARTICLE
CATEGORY: E EQUIPMENT/TOOLS
ARTICLE: TOOLS
NUMBER OF PIECES: 1
PROPERTY DESCRIPTION: SOCKET SET
VALUE: \$100.00

PROPERTY: 6
PROPERTY INVOLVEMENT: STN STOLEN
PROPERTY TYPE: ARTICLE
CATEGORY: E EQUIPMENT/TOOLS
ARTICLE: EQUIPM
NUMBER OF PIECES: 1
PROPERTY DESCRIPTION: CONCRETE AIR TESTER
VALUE: \$600.00

PROPERTY: 7
PROPERTY INVOLVEMENT: STN STOLEN
PROPERTY TYPE: ARTICLE
CATEGORY: E EQUIPMENT/TOOLS
ARTICLE: EQUIPM
NUMBER OF PIECES: 1
PROPERTY DESCRIPTION: VARIOUS KINDS OF CONCRETE EQUIPMENT

VALUE: \$400.00

NARRATIVE:

ON NOVEMBER 18, 2013 AT APPROXIMATELY 1837 HOURS, OFFICER MORGAN F243 OF IMPD WAS DISPATCHED TO A STOLEN VEHICLE REPORT AT 6925 W 38TH ST AT THE TARGET STORE. UPON ARRIVAL OFFICER MORGAN SPOKE TO THE COMPLAINANT WHO STATED THAT HIS COMPANY'S PICKUP TRUCK LICENSE #TK911LAB WAS STOLEN FROM THE TARGET PARKING LOT SOMETIME BETWEEN 1700-1820 HOURS. THE PICKUP TRUCK HAD A "CARDNO ATC" COMPANY LOGO ON EACH SIDE DOOR AND ALSO HAD A YELLOW PLASTIC BOX IN THE BED OF THE TRUCK. THE VEHICLE ALSO HAD VARIOUS KINDS OF CONCRETE CONSTRUCTION EQUIPMENT, LAPTOP, AND A DIGITAL CAMERA BELONGING TO THE COMPLAINANT INSIDE OF THE CAB OF THE VEHICLE. THE COMPLAINANT STATED THAT HE HAD LEFT THE DRIVER SIDE DOOR UNLOCKED AND THE KEYS WERE ALSO LEFT IN THE IGNITION. THE COMPLAINANT HAD NO FURTHER INFORMATION AND WAS GIVEN THE CASE INFORMATION. OFFICER MORGAN MESSAGED AUTO DESK WITH THE STOLEN VEHICLE INFORMATION AND IT WAS RECEIVED BY PATRICE AT 1918 HOURS. A STOLEN VEHICLE VERIFICATION FORM WAS ALSO COMPLETED AND SIGNED BY THE COMPLAINANT.

OFFICER: 21245 MORGAN, JOSHUA D IMPD

OPERATOR: 11/18/2013 AT 19:49 MORGAN, JOSHUA D IMPD

PRINTED BY B7153 ON 11/20/2013 AT 2:57:02 PM

A \$500 reward is being offered for the return of a stolen nuclear density gauge intact. The device could be dangerous if it is mishandled or broken.

The device was stolen from the bed of a Cardno ATC 2004 GMC pickup truck.

The storage case is made of a bright yellow plastic with the word "Troxler" inscribed on it. The case is approximately three feet long by one and one half feet wide. The gauge is model 3411-B, serial number 15760.

Because of the radioactive source in the gauge it is imperative that no one handle the equipment outside of the storage case. The radiation emitted by the device is less than 300 microrems, whereas a typical X-ray emits about 5,000 microrems. Please call 317-579-4013 with any information. The device is used to measure density in soil and is used by construction companies on a daily basis.

Russ Bennett

From: Russ Bennett
Sent: Friday, December 06, 2013 1:29 PM
To: 'iaa@iaaonline.net'
Cc: Randy Morton
Subject: Request for Assistance

Cardno ATC recently had a company vehicle stolen from the Target parking lot on W. 38th Street, Indianapolis. Would you kindly put out a notice to your member's asking them to be on the lookout for a white 2004 GMC pickup truck with "Cardno ATC" markings on both driver and passenger doors that may have been abandoned at one of their properties? If found please contact Detective Christa Dobbs, Indianapolis Metropolitan Police Department, at 317-327-6627.

If you have any questions please don't hesitate to call me.

Russ Bennett
FIELD OPERATIONS SUPERVISOR
CARDNO ATC



Phone (+1) 317-849-4990 Fax (+1) 317-849-4278 Direct (+1) 317-579-4013
Address 7988 Centerpoint Drive, Suite 100, Indianapolis, IN 46256-3345
Email russ.bennett@cardno.com Web www.cardnoatc.com - www.cardno.com

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TO: All Field Technicians

FROM: Russ Bennett, Field Operations Supervisor

DATE: November 19, 2013

SUBJECT: Theft of Company Vehicle/Nuclear Density Gauge

1. On November 18, 2013, a field technician driving a company vehicle containing company equipment, stopped at the Target store on West 38th Street. The vehicle was left unlocked with the key left in the ignition. Upon exiting the store the truck was gone. Leaving the keys in an unattended company vehicle is in violation at Exhibit Four (attached), Driver's Code of Conduct contained in Policy #30 of the Employee Health & Safety Policy Manual. Not having the Nuclear Density Gauge properly secured is in violation of Policy #38.

2. You are reminded that:

a. The gauge needs to be under your control at all times while on the jobsite, otherwise it needs to be locked in the case and the case secured to your vehicle.

b. In an SUV, the gauge must be secured to the vehicle by one lock and chain. In addition, it would be best to have a covering over it so as to not be readily noticeable. If in the trunk of a car, it needs to be secured to the vehicle with one lock and chain. The vehicle must be locked if left unattended.

c. If secured in the bed of a pickup truck there must be two independent locks and chains securing the gauge to the bed of the truck. In addition, it would be best to have a covering over it so as to not be readily noticeable. The vehicle must be locked if left unattended.

d. If you are storing the gauge in a vehicle on evenings and weekends the gauge must be locked to the steering wheel of the vehicle and covered so as not to be readily noticeable and the vehicle must be locked. If the vehicle is stored in a garage, the requirement is that the vehicle and garage is locked. If you can not get your vehicle in a locked garage