

FAX

To: Mr. Bob Gattone
U.S. NRC, Region III

Fax No: (630)515-1259

Subject: Event Notification #42000

DATE: November 1, 2005

PAGES: 10, including this cover sheet

Comments:

From the Desk of
Stephanie Wetzel
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GEO TEST, INC.

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Geotechnical Engineering
Foundation Engineering
Soil Testing
Environmental Testing
Construction Testing

Daniel J Cottin, PE
President
Daniel B Barnes, PE
Vice President

October 10, 2005

Mr. Bob Gattone
U.S. NRC, Region III
801 Warrenville Road
Lisle, IL 60532-4351

Re: Event Notification #42000

Dear Bob:

Per our phone conversation of September 19, 2005 we are providing this report regarding the above incident per 10 CFR Chapter 1 20.2201(b). We are enclosing a copy of our materials license as well as the gauge certificate from Troxler providing the pertinent information for the stolen gauge.

Sometime between Saturday September 17 and Monday(a.m.) September 19, 2005, persons unknown cut the pad lock on the construction site trailer on a job site in Herculaneum, Missouri. Upon entering the storage trailer a compressor and other minor tools as well as the Troxler Nuclear Densometer described above were taken. The Troxler was chain locked to the inside of the storage trailer and this chain was cut and taken with the Troxler. The Troxler was being stored on site temporarily as the on-site technician was without a drivers license at the time and was driven to and from the site by his wife. The location of the job and storage trailer are enclosed from our file copies.

It is unknown where or if the Troxler was disposed of nor if any individuals were exposed to the radiation source. It is hoped that the radioactive sign posted at the site on the Troxler case would dissuade the offending parties from tampering with the locked plastic case.

Mr. Bob Gattone

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October 10, 2005

The Herculaneum police as well as the NRC (Scott Kryk, Special Agent) have been given the description of the device as well as the model and serial numbers for identification purposes in the event that the gauge surfaces in a future arrest or transaction.

To prevent a reoccurrence of such an incident, storage of gauges on-site have been prohibited by GeoTest, Inc. under any circumstances in the future. The certified technicians in our employ have been made aware of the policy as has our RSO, Richard K. Evans. If you have any questions, please call.

Sincerely,

GeoTest, Inc.

A handwritten signature in black ink, appearing to read "Daniel B. Barnes". The signature is fluid and cursive, with the first name "Daniel" and last name "Barnes" clearly distinguishable.

Daniel B. Barnes, P.E.

DBB:kmc
enclosures

F:\Kathy's Files\Insurance\NRC12000.wpd

 * TROXLER ELECTRONIC LABORATORIES, INC. *
 * GAUGE CERTIFICATE *
 * ORIGINAL *

TROXLER GAUGE MODEL: 3440
 GAUGE SERIAL NUMBER: 36277
 GAUGE REGISTRY NO: NC-646-D-130-S

TRANSFERRED ON: 27 APR 2005
 SALES ORDER NUMBER: 1503533

TO
 CODE : 70760000

LICENSE: 24-26550-01

NAME : GEOTEST, INC.

8614 MANCHESTER ROAD
 BRENTWOOD, MD 63144

FROM

032-0182-1

TROXLER ELECT. LABORATORIES, INC.

P O BOX 12057

RESEARCH TRIANGLE PARK, NC 27709

SEALED SOURCE

CS-137

77- 3439

.30 GBQ(8.000 mCi)

26 JAN 2005

102112

USA/0356/S

C66535

26 APR 2005

26 JAN 2005

RADIOACTIVE MATERIAL

SOURCE SERIAL NUMBER

ACTIVITY

CERTIFICATION DATE

TROXLER DRAWING NUMBER

SPECIAL FORM CERTIFICATE

ANSI CLASSIFICATION

LEAK TEST DATE

MEASUREMENT DATE

SEALED SOURCE

AM-241:BE

47-12151

1.48 GBQ(40.000 mCi)

24 MAR 2005

102451

USA/0632/S

C66544

26 APR 2005

11 AUG 1988

YOU SHOULD RETAIN THIS DOCUMENT AS A RECORD OF GAUGE RECEIPT.

CERTIFICATION DATE - THE MOST RECENT DATE THE SOURCE WAS INSPECTED AND TESTED AS MEETING STRINGENT QUALITY CONTROL STANDARDS FOR SOURCE INTEGRITY.

SPECIAL FORM CERTIFICATE - THE SEALED SOURCES MEET US DOT AND IAEA "SPECIAL FORM" CRITERIA. YOU ARE REQUIRED TO HAVE A COPY OF THE SPECIAL FORM CERTIFICATE LISTED ABOVE FOR EACH SOURCE BEFORE TRANSPORTING OR SHIPPING THE GAUGE. PLEASE NOTE EACH CERTIFICATE HAS AN EXPIRATION DATE. CURRENT COPIES MAY BE OBTAINED FROM TROXLER.

LEAK TEST DATE - THE DATE THE SOURCE WAS LEAK TESTED AND FOUND TO HAVE REMOVABLE ACTIVITY OF LESS THAN 0.005 MICROCURIES.

MEASUREMENT DATE - THE DATE THE SOURCE ACTIVITY WAS DETERMINED AND THE REFERENCE DATE FOR CALCULATION OF THE CURRENT SOURCE ACTIVITY.

TYPE A PACKAGE TESTING - THE SHIPPING CASE MEETS US DOT 7A TYPE A PACKAGE CRITERIA. YOU ARE REQUIRED TO HAVE A COPY OF THE TYPE A PACKAGE TEST RESULTS BEFORE SHIPPING OR TRANSPORTING THE GAUGE.

TRANSPORT INDEX = 0.6 FOR GAUGE IN ORIGINAL SHIPPING CASE.