

GEOTECH, INC.
CONSULTING SOILS AND FOUNDATION ENGINEERS
2990 NORTH ROUTE 73
MAPLE SHADE, NEW JERSEY 08052

TEL. (856) 667-6010 • FAX (856) 667-7892

FAX TRANSMITTAL FORM

FROM FAX NO. (856) 667-7892

TO FAX NO. 610-337-5269

DATE: March 31, 2005

TO: Dr. Sattar Lodhi

COMPANY: U.S. NRC

FROM: H. Murat Arkan

SUBJECT: Additional paperwork

NUMBER OF PAGES FOLLOWING: 2

Dear Dr. Lodhi:

Here is the paperwork that our Technicians carry with them when they take the Troxler gauges to the field for use at the job sites. This paperwork includes "Bill of Lading" and "Emergency Response Information". Ray Villareal told me that they started keeping the paperwork in the Laboratory, that is why we could not find them inside the yellow Troxler boxes during your visit on 3-30-2005. I have not been using the Troxler gauge since Summer-2004. During the times I had to take the gauge with me, the paperwork would be kept in the box and I would take it with me. Currently Ray V. is the primary user and he takes the paperwork with him and when he comes back from the field, he puts the paperwork in the Laboratory.

Murat Arkan

PLEASE NOTE: IF YOU DO NOT RECEIVE ALL OF THE PAGES INDICATED ABOVE.
PLEASE CALL 856-657-6010 AS SOON AS POSSIBLE

GEOTECH ENVIRONMENTAL, INC.

ENVIRONMENTAL CONSULTANTS
125 NORTH ROUTE 73
MAPLE SHADE, NEW JERSEY 08052

TEL. (856) 667-6010 • FAX (856) 667-7892

BILL OF LADING

Shipper: Geotech Environmental, Inc.
2990 North Route 73
P.O. Box 266
Maple Shade, New Jersey 08052

RQ, RADIOACTIVE MATERIAL, SPECIAL FORM, NOS, 7,
UN2974, TYPE "A" PACKAGE, CONTAINING:

Cs-137 0.3 GBq (8 mCi)
Am-241:Be 1.48 GBq (40mCi)

RADIOACTIVE YELLOW II LABEL, TI = 0.3

****EMERGENCY CONTACT: (919) 839-2676****

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.



SHIPPER

TROXLER NUCLEAR GAUGE EMERGENCY RESPONSE INFORMATION REQUIRED FOR TRANSPORTATION

(Reference DOT P5800.5 ERG93, and 49CFR)

1) PROPER SHIPPING NAME:

- RADIOACTIVE MATERIAL, SPECIAL FORM, NOS. 7, UN2974

POTENTIAL HAZARDS

2) HEALTH HAZARDS:

- Radiation presents minimal risk to lives of persons during transportation accidents.
- Undamaged packages are safe, damaged packages or materials released from packages can cause external radiation hazards. Contamination is not suspected.
- Packages (cartons, boxes, drums, articles, etc.) identified as "Type A" by marking on packages or by shipping papers contain non-life endangering amounts. Radioactive sources may be released if packages are damaged in moderately severe accidents.
- Packages (large and small, usually metal) identified as "Type B" by marking on packages or by shipping papers contain potentially life endangering amounts. Because of design, evaluation, and testing of packages, life endangering releases are not expected in accidents except those of utmost severity.
- Commonly available instruments can detect most of these materials.
- Water from cargo fire control is not expected to cause pollution.

3) FIRE OR EXPLOSION

- Packagings can be consumed without content loss from sealed source capsule.
- Radioactive source capsules and Type B packages are designed to withstand temperatures of 1475° F (800° C).

EMERGENCY ACTION

4) IMMEDIATE PRECAUTIONS

- Priority response actions may be performed before taking radiation measurements.
- Priorities are life saving, control of fire and other hazards, and first aid.
- Isolate hazard area and deny entry. Notify Radiation Authority of accident conditions.
- Delay final cleanup until instruction or advice of Radiation Authority.
- Positive pressure self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing will provide adequate protection against internal radiation exposure, but not external radiation exposure.
- CALL TROXLER ELECTRONIC LABORATORIES, INC. AT (919) 839-2676 FOR EMERGENCY ASSISTANCE.

5) FIRE

- Do not move damaged packages, move undamaged packages out of fire zone.
- Small Fires: Dry chemical, CO₂, water spray or regular foam.
- Large Fires: Water spray, fog (flooding amounts).

6) SPILL OR LEAK

- Do not touch damaged packages or spilled material.
- Slightly damaged or damp outer surfaces seldom indicate failure of inner container.
- If source is identified as being out of package, stay away and await advice from Radiation Authority.

7) FIRST AID

- Use first aid treatment according to the nature of the injury.
- Persons exposed to special form sources are not likely to be contaminated with radioactive material.