

6/18/97 EVENT RIDS DIST
SP04

MDE

MARYLAND DEPARTMENT OF THE ENVIRONMENT
2500 Broening Highway • Baltimore, Maryland 21224
(410) 631-3000

Parris N. Glendening
Governor

Jane T. Nishida
Secretary

JUN 10 1997

PML 6/13/97

Paul H. Lohaus, Deputy Director
Nuclear Regulatory Commission (NRC)
One White Flint North
11555 Rockville Pike
Rockville MD 20852

97 JUN 12 PM 3:32
NSP

RE: Event Reports

Dear Mr. Lohaus:

Please find enclosed the following event reports, 19-97-01 through 19-97-04. Upon your review, should there be any questions, please forward them to the undersigned.

The Maryland Department of the Environment's (MDE) Radiological Health Program (RHP) is submitting the documentation of EVENT REPORTS for your information. Three (3) of these reports was requested by Ms. Pat Larkins of your staff as a result of the September, 1996 NRC IMPEP audit of the Maryland program. You may also reach our office by calling toll-free at 1-800-633-6101 and requesting extension 3302.

Sincerely,

Carl E. Trump, Jr.

Carl E. Trump, Jr., Program Manager
Radiological Health Program

CET/edjg

Enclosures: Event Reports

72

NRC FILE CENTER COPY

9706270007 970610
PDR STPRG ESGMD
PDR

260012

"Together We Can Clean Up"

Cross-Ref. File SP-E-9
LSP-AG-14
Recycled Paper

6/18/97 Event RIDS DIST
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Event Reporting Handbook

EVENT REPORT COVER PAGE

AGREEMENT STATE

EVENT REPORT NO. 19 - 97 - 01

DATE: 5/28/97

TO:

**Deputy Director
Office of State Programs**

SUBJECT: Backlog report on stolen/lost Soil Safe, Inc.
moisture/density gauge

STATE: Maryland

Signature and Title: Raymond E. Manley

Lead Health Physicist

Maryland Department of Environment

Radiological Health Program

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 1 of 4)

General Information on the Event						
Original Item # (State\YR\No.)		Licensee #		Licensee		
		MD-07-172-01		Soil Safe, Inc.		
City Baltimore		Street address 4600 East Fayette Street			St. MD	Zip Code 21224 -
Program Code	Description			Reg.	AGs	
Other license #						
License# of Site		Site of Event 4600 East Fayette Street, Baltimore, Maryland, 21224				
License# other party		Name of other party				
City other party		State	Reciprocity			
Event Date / / unknown	Event Time unknown	Time Zone	Report Date 5 /1/ 95	Report Time unknown	Time Zone	
Discovery Date 5 /1/ 97		Discovery Time unknown			Time Zone	
Reportable event (NRC) (X)	AEA Yes	Investigation Pending Completed			Consultant Hired No	
Event type description Stolen/Lost Radioactive Materials		Cause description Lack of management oversight				
Contributing factor Lack of use of device		Precipitating factor Management change over				
Corrective action NOV issued 7/21/95						
Abstract Following the licensee decision to sell device. The device was found to be missing for an undetermined amount of time. Licensee was unsure of whether device was lost or stolen. The gauge was subsequently found by the licensee, onsite, on 12/29/95.						

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 2 of 4)

Reporting Requirements

Requirement designation (State/NRC)

Section D.1201

Regulation Code

COMAR

26.12.01.01

Regulation Description

Immediate report by telephone with
24 hour written report for loss or theft of licensed
sources of radiation.

Equipment Information (System level)

System name

Moisture/Density Gauge

Manufacturer

Soil Test, Inc.

Model#

NIC-5

Manuf. date

/ /

Serial Number

76C031

Equipment problem

None

Equipment Information (Component Level)

Component name

Manufacturer

Model#

Manuf. date

/ /

Serial Number

Isotope

Isotope activity (Ci)

Assay Date

Leak test result (uCi)

Source change dte

CS-137

.010

/ /

/ /

AM-241

.060

Equipment problem

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 3 of 4)

TABL

Consultant Information						
Consultant Name			Company			
Specialty			Contracted by			
Medical Misadministration Information						
Patient#		Patient Informed		Diagnostic/Therapy		
Proc. Organ Dose Isotp Study Chem Dosag	INTENDED			GIVEN		
% Overtreatment		% Undertreatment		Family Dose	Fetal	Dose Newborn
						Dose
Effect on patient				Who administered		
Overexposure Information						
Person #						
Person #						
Person #						
Dose Received (Rem)		Radiation Source				
Type of exposure		Consequences of Exposure				

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Isot

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TABLE 5. NMED EVENT REPORTING INFORMATION (p. 4 of 4)

Demographics Information

Perf#	Code	Description
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Release of Material (Containation) Information

Type of Release

Isotope

Activity (Ci)

Consequence

EVENT REPORT COVER PAGE

AGREEMENT STATE

EVENT REPORT NO. 19 - 97 - 02

DATE: May 29, 1997

TO:
Deputy Director
Office of State Programs

SUBJECT: Stolen Lead Paint Analyzer

STATE: Maryland

Signature and Title: Alan D. Jacobson, Lead Health Physicist

Maryland Department of Environment

Air and Radiation Management Administration

Radiological Health Program

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 1 of 4)

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TAB

General Information on the Event

Original Item # (State\YR\No.)		Licensee #		Licensee	
		MD-03-056-01		Aerosol Monitoring and Analysis Inc.	
City		Street address		St.	Zip Code
Hanover		1340 Ashton Road		MD	21076
Program Code	Description			Reg.	AGs
	Lead Paint Analyzer				
Other license #					
License# of Site		Site of Event		State	
License# other party		Name of other party			
City other party		State	Reciprocity		
Event Date	Event Time	Time Zone	Report Date	Report Time	Time Zone
5 /30 96	0730 hours	Eastern	5 /30 96	0810 hours	Eastern
Discovery Date		Discovery Time			Time Zone
5 /30 96		0730 hours			Eastern
Reportable event (NRC) (AS)		AEA	Investigation Pending Investigation conducted		Consultant Hired No
Event type description		Cause description - Left unattended in an employee's vehicle which was parked on a public street.			
Stolen Lead Paint Analyzer					
Contributing factor - Untrained User - Unauthorized Storage location		Precipitating factor - employee was not trained as required.			
Corrective action - All uses were trained.					
Abstract Between 2020 hours on May 29, 1996 and 0730 hours on May 30, 1996 a Lead Paint Analyzer, RMD LPA-1 model XRF Spectrum Analyzer (Serial number 1151, Source Serial Number FF520) was stolen from an employee's automobile which was parked on the side of a public street.					

Reporting Requirements

Requirement designation (State\NRC)

Regulation Code

Regulation Description

Equipment Information (System level)

System name

Lead Paint Analyzer

Manufacturer

Model#

Manuf. date

Serial Number

RMD

XRF-LPA 1

/ /

1151

Equipment problem

None

Equipment Information (Component Level)

Component name

Lead Paint Analyzer

Manufacturer

Model#

Manuf. date

Serial Number

RMD

XRF-LPA 1

/ /

1151

Isotope

Isotope activity (Ci)

Assay Date

Leak test result (uCi)

Source change dte

Co-57 12.0 mCi

4/30/96

0.005 uCi

4/30/96

Equipment problem

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 3 of 4)

Consultant Information						
Consultant Name			Company			
Specialty			Contracted by			
Medical Misadministration Information						
Patient#		Patient Informed		Diagnostic/Therapy		
Proc. Organ Dose Isotp Study Chem Dosag	INTENDED			GIVEN		
	% Overtreatment	% Undertreatment	Family Dose	Fetal	Dose Newborn	Dose
	Effect on patient			Who administered		
Overexposure Information						
Person #						
Person #						
Person #						
Dose Received (Rem)		Radiation Source				
Type of exposure		Consequences of Exposure				

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 4 of 4)

Demographics Information

Perf#	Code	Description
<h3>Release of Material (Containation) Information</h3>		
Type of Release		
Isotope	Activity (Ci)	
Consequence		

Release of Material (Containation) Information

Type of Release

Isotope

Activity (Ci)

Consequence

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Event Reporting Handbook

EVENT REPORT COVER PAGE

AGREEMENT STATE

EVENT REPORT NO. 19 - 97 - 03

DATE: May 28, 1997

TO:
Deputy Director
Office of State Programs

SUBJECT: Troxler gauge run over on Washington D.C. Beltway

STATE: Maryland

Signature and Title: Bob Nelson, Health Physicist

Maryland Department of Environment

Air and Radiation Management Administration

Radiological Health Program

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 1 of 4)

General Information on the Event						
Original Item # (State\YR\No.)		Licensee #		Licensee		
		MD-05-116-01		Ratrie, Robbins, and Schweitzer		
City		Street address			St.	Zip Code
Baltimore		803 Gleneagles Court			MD	21286-2201
Program Code		Description			Reg.	AGs
03121		Troxler gauges				
Other license #						
License# of Site		Site of Event				State
		Washington D.C. Beltway I-95				Maryland
License# other party		Name of other party				
		State Highway Administration (Contractor)				
City other party		State	Reciprocity			
Event Date	Event Time	Time Zone	Report Date	Report Time	Time Zone	
7/31/95	12:30 am	Eastern	7/31/95	1:20 am	Eastern	
Discovery Date		Discovery Time			Time Zone	
7/31/95		12:30 am			Eastern	
Reportable event (NRC) (AS)		AEA	Investigation Pending			Consultant Hired
Event type description			Cause description			
Run over troxler gauge			Traffic accident			
Contributing factor			Precipitating factor			
Darkness			Aggressive driving			
Corrective action						
Unknown						
<p>Abstract - At approximately 1230 am - Troxler model 4640-B thin layer asphalt density gauge containing 8 mCi of Cs-137 was run over by an automobile on the D.C. Beltway inner loop near the intersection of the Baltimore-Washington Parkway. The gauge was scattered across three lanes of the beltway and the road was closed by Police. HazMat Unit was called and MDE was then called to respond. Source rod was found in tack and placed back in gauge shielding. There was no contamination. Gauge was returned for disposal.</p>						

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 2 of 4)

Reporting Requirements

Requirement designation (State\NRC)

Maryland

Regulation Code

COMAR 26.12.01.01

Regulation Description

Incident Reporting

Equipment Information (System level)

System name

Manufacturer

Model#

Manuf. date

/ /

Serial Number

Equipment problem

Equipment Information (Component Level)

Component name

Thin Layer Asphalt Density Gauge

Manufacturer

Troxler

Model#

4640-B

Manuf. date

/ /

Serial Number

881

Isotope

Isotope activity (Ci)

Cs-137

8mCi

Assay Date

/ /

Leak test result (uCi)

Source change dte

/ /

Equipment problem

Gauge run over on highway

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 3 of 4)

TAB

Consultant Information						
Consultant Name			Company			
Specialty			Contracted by			
Medical Misadministration Information						
Patient#		Patient Informed		Diagnostic/Therapy		
Proc. Organ Dose Isotp Study Chem Dosag	INTENDED			GIVEN		
	% Overtreatment	% Undertreatment	Family Dose	Fetal	Dose Newborn	Dose
Effect on patient				Who administered		
Overexposure Information						
NONE						
Person #						
Person #						
Person #						
Dose Received (Rem)		Radiation Source				
Type of exposure		Consequences of Exposure				

EVENT REPORT COVER PAGE

AGREEMENT STATE

EVENT REPORT NO. 19 - 97 - 04

DATE: May 6, 1997

TO:

Deputy Director
Office of State Programs

SUBJECT: Lost or Stolen static eliminator which contained po-210,
27 millicuries

STATE: Maryland

Signature and Title: Leon Rachuba, Health Physicist Lead

Maryland Department of Environment

Air and Radiation Management Administration

Radiological Health Program

General Information on the Event

Original Item # (State/YR/No.)	Licensee # General	Licensee Precision Products Group, Inc. Stone Industrial Division			
City College Park	Street address 9207 51st Avenue		St. MD	Zip Code 20740	
Program Code	Description Nuclestate Bar model P-2001 Static Eliminator		Reg.	AGs	
Other license #					
License# of Site General	Site of Event Same as above		State		
License# other party N/A	Name of other party N/A				
City other party	State	Reciprocity			
Event Date / / unknown	Event Time unknown	Time Zone	Report Date 4/14/97	Report Time	Time Zone
Discovery Date 3/24/97		Discovery Time unknown			Time Zone
Reportable event (NRC) (AS)	AEA	Investigation Pending			Consultant Hired No
Event type description Missing Device		Cause description unknown			
Contributing factor unknown		Precipitating factor unknown			
Corrective action N/A					

Abstract - The device is a 12" bar used to eliminate static at a plastic winding machine. It was last used on 2/7/97 and discovered missing about 3/24/97, when the Department supervisor was collecting the devices for return to NRD.

An investigation was conducted by Maryland's RHP on 5/5/97 and the device was still missing. No violations were found during the investigation.

TABLE 5. NMED EVENT REPORTING INFORMATION (p. 2 of 4)

Reporting Requirements

Requirement designation (State/NRC)

Maryland Comar 26.12.01.01

Regulation Code

Sec.C.22(d)(3)(ix)

Sec.D.1201

Regulation Description

Reports of Stolen, lost or missing
Licensed (GL) or registered sources of radiation.

Equipment Information (System level)

System name

Manufacturer

Model#

Manuf. date

/ /

Serial Number

Equipment problem

Equipment Information (Component Level)

Component name

Static Eliminator

Manufacturer

NRD (Nuclestate)

Model#

P-2001

Manuf. date

/ /

Serial Number

SP-36819

Isotope

Isotope activity (Ci)

Assay Date

/ /

Leak test result (uCi)

N/A

Source change dte

N/A

/ /

Equipment problem