

November 2, 2007

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Reference: Destruction of Portable Nuclear Gauge, Chantilly, Virginia

1. This letter is a formal written report addressing the destruction of a portable nuclear gauge owned by ECS Mid-Atlantic, LLC on November 2, 2007. This report is in accordance with 10 CFR 30.50.
2. The sequence of events follows:
 - a. An accident has happened involving Nuclear Gauge #21 (CPN MC1DR serial # MD50702756) on the Curtis Park Plaza job site (#13275) at about 10:00 AM on 11/02/2007. The full address of the site is: 143 Park Street, Vienna, VA 22180. The gauge contained the following sealed sources:
 - I. 370 MBq (10 mCi) Cs-137 05/01/95
 - II. 1.85 GBq (50 mCi) Am-241/Be 01/10/95
 - b. The gauge was run over by a paver operated by Pete Cloud of E. E. Lyons Construction Co., Inc. It was destroyed while it was under the control of our technician, Idael Sotomayor. Mr. Sotomayor is an authorized user.
 - c. The technician was in control of the nuke and within 10 feet of the gauge. He tried to stop the paver by yelling at the operator while it was backing up on the gauge but he couldn't stop it on time.
 - d. The technician informed Mohamed Elbulok, the office RSO, about the incident immediately and cordoned off the 15' radius of an area around the damaged gauge.
 - e. Mohamed Elbulok, and the Chantilly Field Services Manager, Omer Duzyol, arrived the job site at around 10:35 AM.
 - f. The gauge's die cast aluminum case was broken due to the impact but the sources were in the shielded position. Several surveys have been made by using a survey meter (TroxaAlert calibrated 01/06/07) at one meter distance, and the readings were found to be around 0.4 mR/hr range.
 - g. Mr. Pete Snyder of The NRC Operations Center was informed about the incident at 10:53 AM. Mr. Craig Gordon and Ms. Marie Miller of NRC were also informed by the Corporate RSO, Stanley Murphy, at 3:00 PM on the same day.

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- h. All the pieces of the gauge were placed in the box #21 and it was hauled back to the designated storage area in the Chantilly office around 11:30 AM. The remaining of the gauge will be returned to the manufacturer (CPN) via NETS, CPN's authorized distributor in the area, for them to recycle the radioactive sources properly.
- i. The sealed sources have been transferred to North East Technical Services, Inc. (NETS) on 11/08/07 for proper disposal. A copy of their receipt document is attached.
- j. Pictures of the incident and the Radioactive Material Transfer Sheet are attached.
- k. A Radiation Safety Refresher class will be held for the entire field personnel in order to remind them the importance of the safety in January '08.

Should you have any questions with respect to the information contained in this letter, or with any of the work we have completed to date, please do not hesitate to contact us at (703)471-8400.

Respectfully,
ECS Mid-Atlantic, LLC

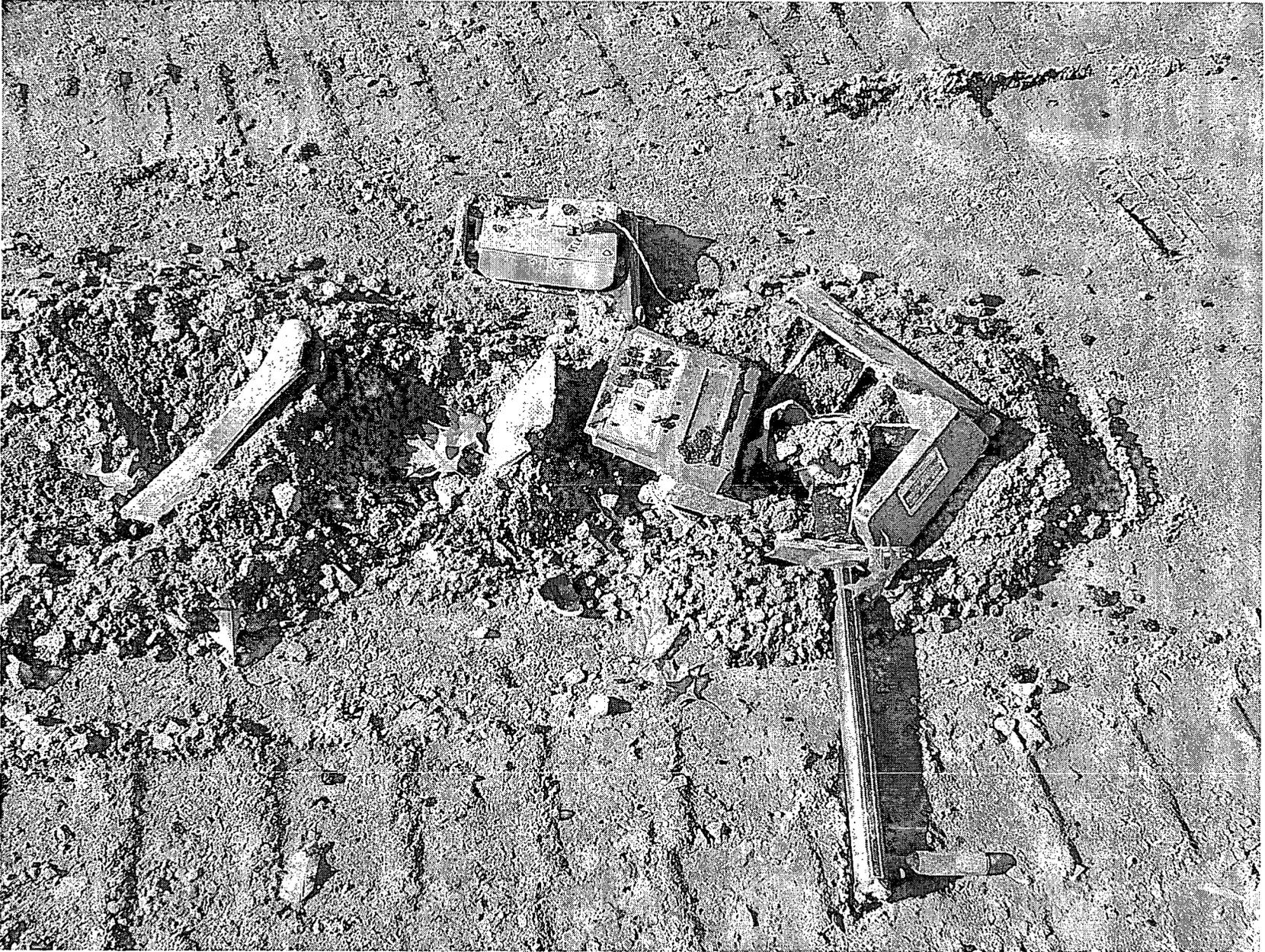


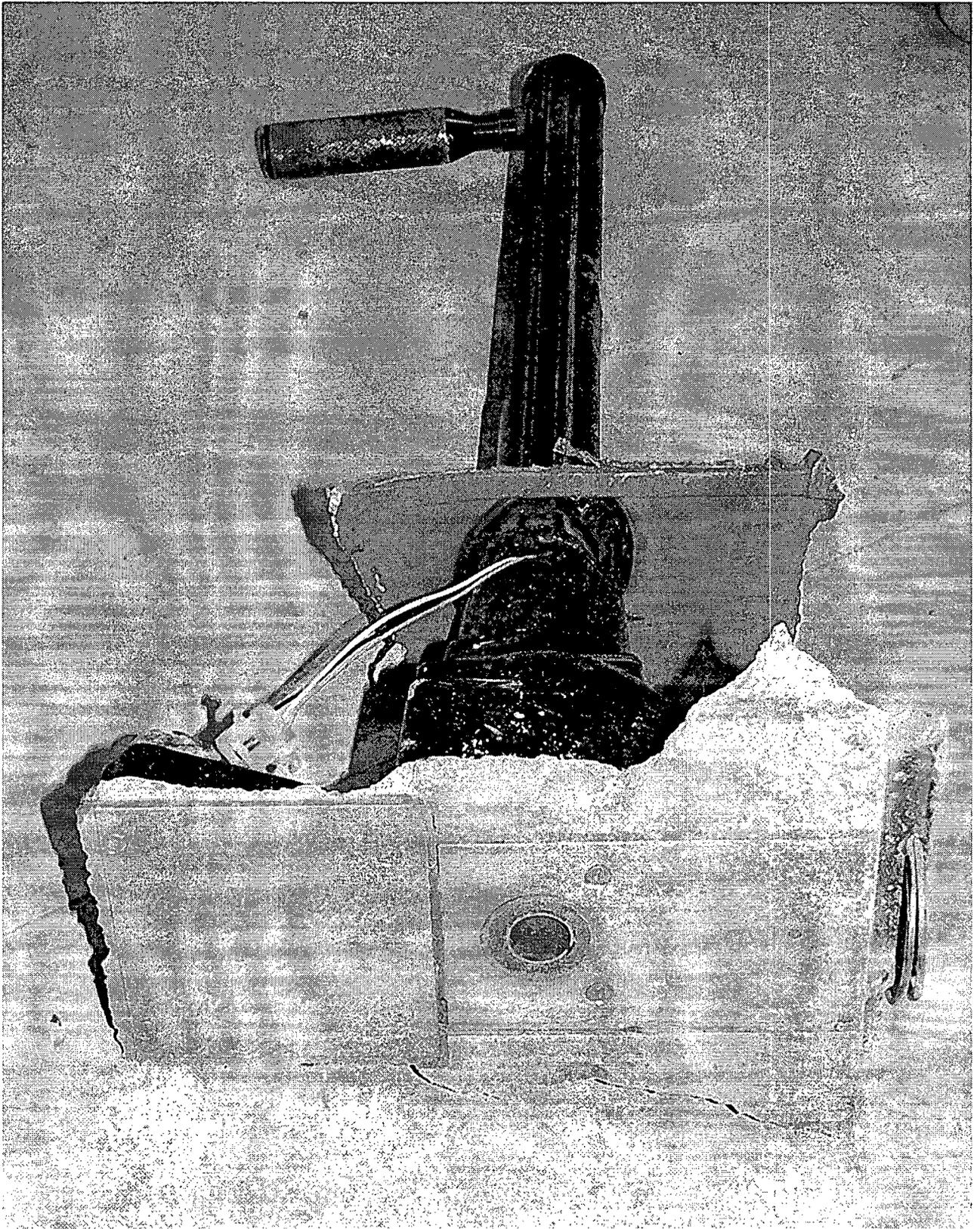
Omer Murat Duzyol
Field Services Manager

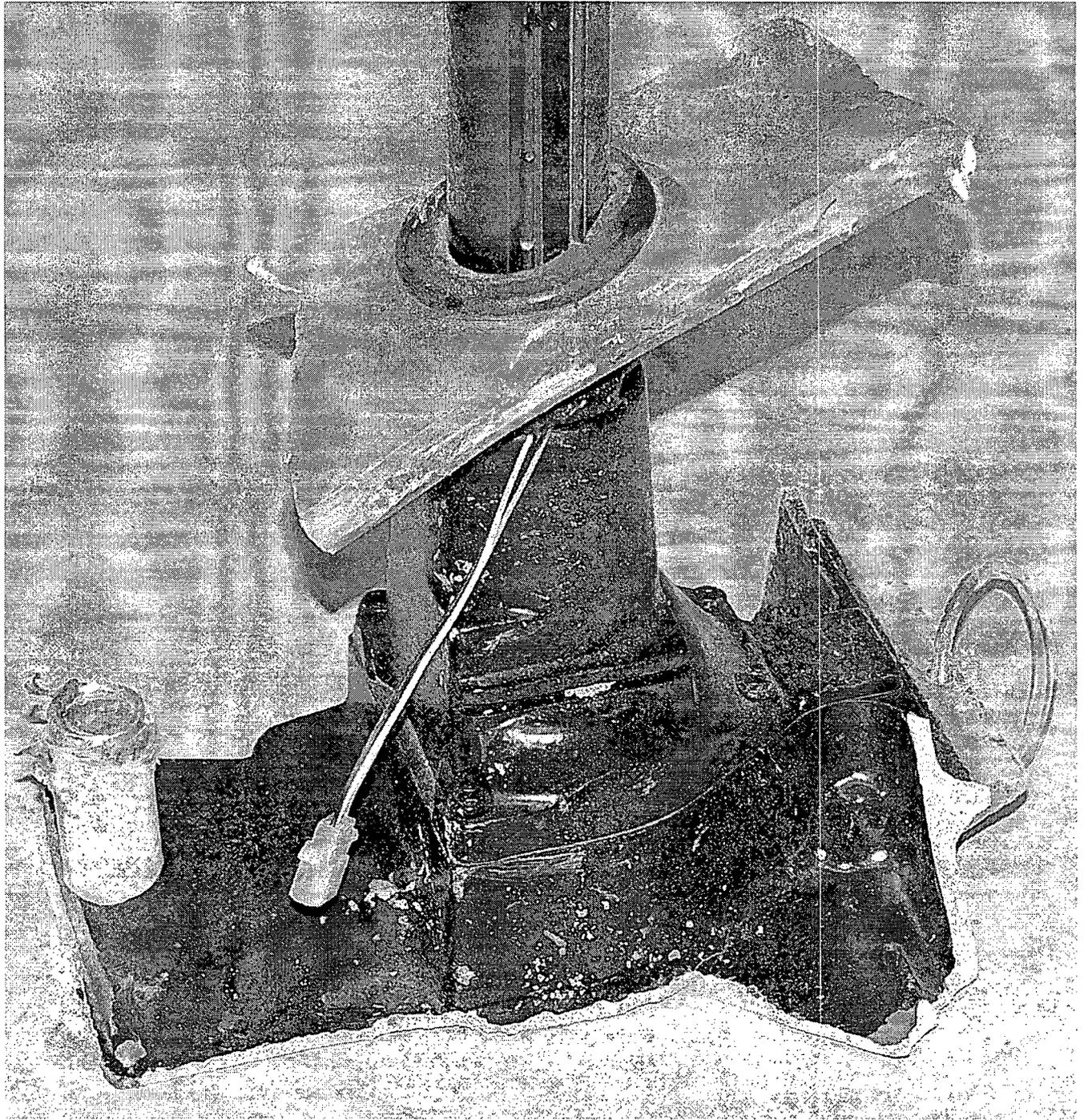
Enclosures: Photos
North East Technical Services, Inc. Receipt

Copies to: U.S. Nuclear Commission
Region 1
Attn: Ms. M. Miller
475 Allendale Road
King of Prussia, PA 19406









8010
Marlin
USA
2-8-9770

**CAUTION
RADIOACTIVE
MATERIAL**

2,3 MBq (10 μ Ci) ¹³⁷Cs
DATE 5-1-95
83 GBq (50 nCi) Am-241/Ds
DATE 1-10-95
N MD50702756



North East Technical Services, Inc

75 Aileron Court, Suite 4
Westminster, MD 21157
1-866-868-2382
Fax 410 751-5091

RADIOACTIVE MATERIAL TRANSFER SHEET

DEVICE BEING TRANSFERRED:

GAUGE MODEL: MC1 SERIAL NUMBER: MD50702756

SOURCE SERIAL NUMBERS: Cs-2756 Am- 2756

Survey reading of gauge at destination. (In mrem) Less than 5
(Conduct survey 1 meter from shipping case)

Last Leak Test Date: 8/21/2007

TRANSFERRING THE DEVICE FROM:

Company/Entity: ECS Mid-Atlantic, LLC
Address: 14026 Thunderbolt Place, Suite 100
Chantilly, VA 20151

Company representative: Mohamed Elbulok Signature M. I. Elbulok

TRANSFERRING THE DEVICE TO:

Company: North East Technical Services, Inc
Address: 1280 Landing Lane, Suite #3
Westminster, MD 21157

Radioactive Materials License Number: MD-13-020-01
Expiration date: 1-31-2010

DATE OF TRANSFER: 11/08/2007

Company representative: Doug Sims Signature Doug Sims

North East Technical Services, Inc is licensed and insured and fully authorized to accept, transfer, sell and service portable nuclear density gauges under radioactive materials license# MD-13-020-01.