

RI - DNMS Licensee Event Report Disposition

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|--------------------|--|--------------|-----------|-----------------|---------|
| Licensee: | Underwood Engineering Co. dtd 03/19/07 | | | | |
| Event Description: | Stolen Density Gauge | | | | |
| License No: | 24-234250 | Docket No: | 0302-1053 | MLER-RI: | 2007006 |
| Event Date: | 03/19/07 | Report Date: | 03/20/07 | HQ Ops Event #: | 43251 |

1. REPORTING REQUIREMENT

| | |
|--|---|
| <input type="checkbox"/> 10 CFR 20.1906 Package Contamination <input checked="" type="checkbox"/> 10 CFR 20.2201 Theft or Loss <input type="checkbox"/> 10 CFR 20.2203 30 Day Report <input type="checkbox"/> Other _____ | <input type="checkbox"/> 10 CFR 30.50 Report <input type="checkbox"/> 10 CFR 35.3045 Medical Event <input type="checkbox"/> License Condition |
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2. REGION I RESPONSE

| | | | | | | | |
|--|---|----------------|-----------------------|----------------|--------------|----------------|--|
| <input checked="" type="checkbox"/> Immediate Site Inspection <input checked="" type="checkbox"/> Special Inspection <input type="checkbox"/> Telephone Inquiry <input type="checkbox"/> Preliminary Notification/Report <input checked="" type="checkbox"/> Information Entered in RI Log <input type="checkbox"/> Report Referred To: _____ | <table style="width: 100%;"> <tr> <td style="width: 70%;">Inspector/Date</td> <td style="width: 30%;">Beardsley, Lodhi 3/20</td> </tr> <tr> <td>Inspector/Date</td> <td>Lodhi / 3/28</td> </tr> <tr> <td>Inspector/Date</td> <td></td> </tr> </table> <input type="checkbox"/> Daily Report <input type="checkbox"/> Review at Next Inspection | Inspector/Date | Beardsley, Lodhi 3/20 | Inspector/Date | Lodhi / 3/28 | Inspector/Date | |
| Inspector/Date | Beardsley, Lodhi 3/20 | | | | | | |
| Inspector/Date | Lodhi / 3/28 | | | | | | |
| Inspector/Date | | | | | | | |

3. REPORT EVALUATION

| | |
|---|---|
| <input checked="" type="checkbox"/> Description of Event <input type="checkbox"/> Levels of RAM Involved <input checked="" type="checkbox"/> Cause of Event | <input type="checkbox"/> Corrective Actions <input type="checkbox"/> Calculations Adequate <input checked="" type="checkbox"/> Additional Information Requested from Licensee |
|---|---|

4. MANAGEMENT DIRECTIVE 8.3 EVALUATION

| | |
|--|--|
| <input type="checkbox"/> Release w/Exposure > Limits <input type="checkbox"/> Repeated Inadequate Control <input type="checkbox"/> Exposure 5x Limits <input type="checkbox"/> Potential Fatality <input type="checkbox"/> If any of the above are involved: <input type="checkbox"/> Considered Need for IIT Decision/Made By/Date: _____ | <input type="checkbox"/> Deliberate Misuse w/Exposure > Limits <input type="checkbox"/> Pkging Failure > 10 rads/hr or Contamination > 1000x Limits <input type="checkbox"/> Large# Indivs w/Exp > Limits or Medical Deterministic Effects <input type="checkbox"/> Unique Circumstances or Safeguards Concerns <input type="checkbox"/> Considered Need for AIT |
|--|--|

5. MANAGEMENT DIRECTIVE 8.10 EVALUATION (additional evaluation for medical events only)

| | |
|--|---|
| <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Timeliness - Inspection Meets Requirements (5 days for overdose / 10 days for underdose) Medical Consultant Used-Name of Consultant/Date of Report: _____ Medical Consultant Determined Event Directly Contributed to Fatality Device Failure with Possible Adverse Generic Implications HQ or Contractor Support Required to Evaluate Consequences |
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6. SPECIAL INSTRUCTIONS OR COMMENTS

Full inspection conducted on 3/28, 29/07

| | | |
|---|--|--|
| <input type="checkbox"/> Non-Public <input checked="" type="checkbox"/> Public-SUNSI REVIEW COMPLETE | Inspector Signature: <u>Sutter, Lodhi</u> Branch Chief Initials: <u>MLL/MLL</u> | Date: <u>5/1/07</u> Date: <u>5/2/07</u> |
|---|--|--|

UNDERWOOD ENGINEERING COMPANY

SOIL & FOUNDATION ENGINEERING

143 Harding Ave. Bellmawr, NJ 08031

William R. Underwood, PE - President

Phone (856) 933-1818 Fax (856) 931-7124

April 9, 2007

U.S. NRC Region I
ATTN: Sattar
475 Allendale Road
King of Prussia, PA 19406-1415

RE: Theft of a Nuclear Density Gauge
Model 3430, Serial #030500
Sealed Source: CS 137 8.0 MCI, AM 241 BE 40 MCI

The purpose of the report is to inform you that on March 19, 2007 between 10:00 AM and 4:30 PM a nuclear density gauge was stolen from Underwood Engineering, license number 29-23425-01. The gauge was taken from our technician's vehicle at the Audenried High School project at 3301 Tasker Street, Philadelphia, Pa. The gauge was locked and secured to the vehicle at the time of theft. Officer Griffin, badge #9625 was notified that afternoon at approximately 5:10 PM and the Nuclear Regulatory Commission was notified on March 20, 2007 at approximately 8:00 AM. The gauge was located at Nicetown Salvage Yard in Philadelphia, PA on March 22, 2007. Underwood Engineering was contacted at approximately 11:15 AM on that date. Applied Health Systems was retained by our company to remove the gauge and return it to our office for disposal. Field leak tests were performed and it was determined that there was no contamination to the area in which the nuclear gauge was recovered. The gauge was sent to Troxler Inc. 3008 Cornwallis Road, Research Triangle Park, NC on April 3, 2007. We received confirmation that the gauge was delivered on April 5, 2007.

If there is any addition information that is needed in the above matter, please feel free to contact Patricia Bemserderfer.

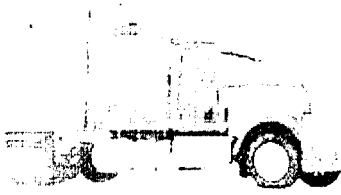
Respectfully submitted,
Underwood Engineering
Testing Co., Inc.



Patricia Bemserderfer, RSO
Director Testing & Inspection

2007 APR 16 PM 2:14

RECEIVED
REGION I



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Use the drop down menu or links below to navigate The R+L Web Tools.

Shipment Tracking

Your Shipment Tracing results are as follows:

| | |
|---------------------|----------------------------|
| | |
| Web Pro #: | |
| BOL #: | |
| Pickup Date: | 04/03/07 |
| Origin: | BELLMAWR, NJ |
| Destination: | RESEARCH TRIANGLE, NC |
| Pieces: | 1 |
| Weight: | 30 |
| Status: | FREIGHT DELIVERED 04/05/07 |

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Custom Tools

Get more out of Your Web Tools.

Wireless Tracking

Wireless shipment tracing and rate quote.

Custom Documents

R+L now provides customs documents.

Desktop Software

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| | |
|--|---|
| Other Nuclear Material | Event Number: 43251 |
| Rep Org: UNDERWOOD ENGINEERING Licensee: UNDERWOOD ENGINEERING Region: 1 City: BELMAR State: NJ County: License #: 29-23425-01 Agreement: N Docket: NRC Notified By: PATRICIA BEMESDERFER HQ OPS Officer: JEFF ROTTON | Notification Date: 03/20/2007 Notification Time: 07:41 [ET] Event Date: 03/19/2007 Event Time: 17:00 [EDT] Last Update Date: 03/20/2007 |
| Emergency Class: NON EMERGENCY 10 CFR Section: 20.2201(a)(1)(i) - LOST/STOLEN LNM>1000X | Person (Organization): MEL GRAY (R1) GREG MORELL (FSME) ILTAB (email) () |

This material event contains a "Less than Cat 3" level of radioactive material.

Event Text

STOLEN TROXLER MOISTURE DENSITY GAUGE

Licensee's truck was parked at worksite from 0930 until 1700 EDT on 03/19/07 with the gauge triple locked in the bed of the truck the entire day. When the licensee's employee was leaving the worksite at the end of the workday, it was noticed that the gauge was missing. The worksite is located Audenreid High School, 3301 Tasker Street, Philadelphia, PA. The Philadelphia Police Department was notified (Report # 07-17-011252). The gauge is a Troxler, Model 3430, Serial Number 030500 with a Cs-137 8 millicurie source, and an Am-241:Be 40 millicurie source.

THIS MATERIAL EVENT CONTAINS A "LESS THAN CAT 3" LEVEL OF RADIOACTIVE MATERIAL

Sources that are "Less than IAEA Category 3 sources," are either sources that are very unlikely to cause permanent injury to individuals or contain a very small amount of radioactive material that would not cause any permanent injury. Some of these sources, such as moisture density gauges or thickness gauges that are Category 4, the amount of unshielded radioactive material, if not safely managed or securely protected, could possibly - although it is unlikely - temporarily injure someone who handled it or were otherwise in contact with it, or who were close to it for a period of many weeks.

UNDERWOOD ENGINEERING COMPANY

SOIL & FOUNDATION ENGINEERING

143 Harding Ave. Bellmawr, NJ 08031

William R. Underwood, PE - President

Phone (856) 933-1818 Fax (856) 931-7124

May 1, 2007

U.S. NRC Region I
ATTN: Sattar
475 Allendale Road
King of Prussia, PA 19406-1415

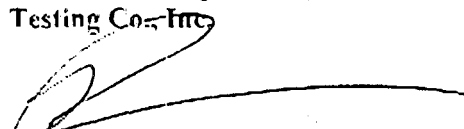
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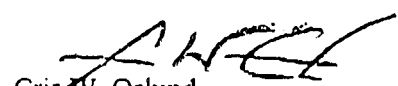
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Respectfully submitted,
Underwood Engineering
Testing Co., Inc.


Patricia Bemserfer, RSO
Director Testing & Inspection

Respectfully submitted,
Underwood Engineering
Testing Co., Inc.


Cris W. Oslund
General Manager