

## RI - DNMS Licensee Event Report Disposition

Licensee:	SRL Blauvet Engineers				
Event Description:	Stolen Gauge				
License No:	24-27857-01	Docket No:	0302802	MLER-RI:	2006-034
Event Date:	08/30/06	Report Date:	09/18/06	HQ Ops Event #:	42815

### 1. REPORTING REQUIREMENT

<input type="checkbox"/> 10 CFR 20.1906 Package Contamination	<input type="checkbox"/> 10 CFR 30.50 Report
<input checked="" type="checkbox"/> 10 CFR 20.2201 Theft or Loss	<input type="checkbox"/> 10 CFR 35.3045 Medical Event
<input type="checkbox"/> 10 CFR 20.2203 30 Day Report	<input type="checkbox"/> License Condition
Other: _____	

### 2. REGION I RESPONSE

<input checked="" type="checkbox"/> Immediate Site Inspection	Inspector/Date	Reichard 09/06/06
<input type="checkbox"/> Special Inspection	Inspector/Date	
<input type="checkbox"/> Telephone Inquiry	Inspector/Date	
<input type="checkbox"/> Preliminary Notification/Report	<input type="checkbox"/> Daily Report	
<input type="checkbox"/> Information Entered in RI Log	<input type="checkbox"/> Review at Next Inspection	
Report Referred To: _____		

### 3. REPORT EVALUATION

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

### 4. MANAGEMENT DIRECTIVE 8.3 EVALUATION

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

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

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

### 6. SPECIAL INSTRUCTIONS OR COMMENTS

\_\_\_\_\_

Non-Public

Inspector Signature: Michael C. Reichard

Date: 9/22/06

Public-SUNSI REVIEW COMPLETE

Branch Chief Initials: [Signature]

Date: 9/22/06

Location of File: G:\Reference\Blank Forms\LER FORM.wpd

Rev. 02/25/05

September 18, 2006

Mr. Sattar Lodhi, PH. D. – Health Physicist  
U.S. Nuclear Regulatory Commission – Region I  
475 Allendale Rd.  
King of Prussia, PA 19406

RECEIVED  
REGION 1  
2006 SEP 19 AM 10:08

Re: Letter of Notification – Stolen Gauge  
License No. 29-27857-01  
Docket No. 030-29302  
Expiration Date: January 31, 2011

Dear Mr. Lodhi,

Please accept this letter as the official *notification letter* that one of our Troxler nuclear gauge had been stolen. The stolen gauge is identified as a Troxler - Model 3440 Serial Number 35144.

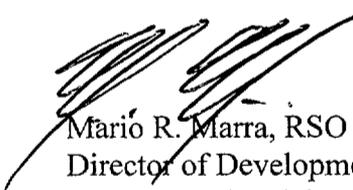
Original notification was made via telephone on Wednesday, August 30, 2006 to your regional office; Washington DC; the Pennsylvania State Police as well as the manufacture Troxler. The police report number is N6-844823.

As per your request, we contacted your public relation for guidance in issuing a press release. For your convenience a copy of the press release is attached.

Thank you in advance for your cooperation regarding this matter. If you require additional information please feel free to call.

Sincerely,

SITE-Blauvelt Engineers, Inc.  
a TRC Company

  
Mario R. Marra, RSO  
Director of Development  
Geotechnical and Construction Services

Two portable moisture density gauges containing sealed sources of radioactive material were reported stolen between the evening of Tuesday, August 29 and the afternoon of Wednesday, August 30, from a work site in Stroudsburg, PA. Anyone with information is asked to contact the Nuclear Regulatory Commission's Headquarters Operation Center at (301) 816-5100. There is currently a cash reward in the sum of \$500. The reward will be provided to any individual that contributes to the immediate return of these gauges.

SITE-Blauvelt Engineers, Inc. of Mt. Laurel, NJ, and JBC Associates of King of Prussia, PA, reported to the NRC on August 30 the loss of two nuclear gauges. A Troxler Model 3440 and Humboldt 5001EZ, were stolen from a locked construction storage shed on the Rt. 209 Marshalls Creek By-Pass construction project located Marshalls Creek, (Monroe County), PA.

The Troxler 3440 was contained within large utility box that was secured by two locks the entire utility box was stolen. The Humboldt 5001EZ was locked and chained to a rock shaker that was bolted to the construction storage shed's floor. The Humboldt gauge was stolen by cutting the transportation box's handles thus allowing the chain and lock to be removed from the box.

Both gauges were contained within locked yellow transportation containers at the time they were removed. The gauges make their measurements by projecting the radiation from the two radioactive sources into the ground and then displaying the reflected radiation on the dial of the gauge.

The gauges consist of the shielding container with a plunger type handle protruding from the top to be used to extend and then retract the radioactive source from the shielded position. When not in use, the handle is locked, with the source in the retracted position.

In both cases, the sources were locked in the shielded position inside the gauges and present no hazard to the public in that configuration; However any attempt to tamper with the radioactive sources in the device could subject the person(s) to radiation exposure. Handling of the unshielded sources outside their container would carry a risk of potentially dangerous exposure.

The Troxler's Serial Number is 35144 and the Humboldt's Serial Number is 3451. The numbers are listed on a metal plate on top of the device as well as on the metal plate on the top of the transportation box. Anyone seeing the gauge should leave it alone and report its location to the NRC's Operations Center at (301) 816-5100. The center is staffed 24 hrs a day and accepts collect calls.