

RI - DNMS Licensee Event Report Disposition

Licensee: GEO-EXPLOR-FOLLOW-UP

Event Description: Loss of CPN Nuclear Gauge

License No: Docket No: MLER-RI: 2005-057
 Event Date: Report Date: HQ Ops Event #:

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
<input type="checkbox"/>	Other _____		

2. REGION I RESPONSE

<input type="checkbox"/>	Immediate Site Inspection	Inspector/Date	<input type="text"/>
<input type="checkbox"/>	Special Inspection	Inspector/Date	<input type="text"/>
<input type="checkbox"/>	Telephone Inquiry	Inspector/Date	<input type="text"/>
<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
<input type="checkbox"/>	Report Referred To: _____		

3. REPORT EVALUATION

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

4. N/A 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"/>	Pkging 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
<input type="checkbox"/>	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. N/A 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

Reviewed During Inspection

Non-Public
 Public-SISP REVIEW COMPLETE

Inspector Signature: [Signature] Date: 1/17/2006
 Branch Chief Initials: [Signature] Date: 1/17/2006

Location of File: G:\Reference\Blank Forms\LER FORM.wpd Rev. 02/25/05



August 22, 2005

NRC Headquarters
Washington, DC

RE: Recovery of Lost Nuclear Gauge

Dear Mr. Gott:

The following is to notify that the lost nuclear gauge was recovered today at approximately 12:30pm. A nearby driver, who took it and kept it safe at his office garage in Vega Baja, PR., called us when he heard about the missing gauge in the news. The gauge is in perfect physical and functioning conditions. For further information, please feel free to call us.

Sincerely,

Reynaldo Rodriguez
 Reynaldo Rodriguez
 RSO/Operations Manager

License No. 52-25580-01
 Docket no. 030-35886

EN Reference 41921
 PN I-05-025

Post-It® Fax Note	7671	Date	8/22	# of pages	1
To	Mr. Bill Gott	From	R. Rodriguez		
Co./Dept	NRC Headquarters	Co.	GEO-EXPLOR, INC.		
Phone #	301-816-5100	Phone #	787-708-2919		
Fax #	301-816-5151	Fax #	787-708-3020		



August 17, 2005

NRC Headquarters
Washington, DC

RE: Lost Nuclear Gauge

Dear Mr. Gott:

Attached is the incident report that covers the lost of a nuclear gauge at the Dorado project site. If you have any questions regarding this report, please feel free to contact me at (787) 708-2999.

Sincerely,

Reynaldo Rodriguez
Reynaldo Rodriguez
RSO/Operations Manager

*Attachment
1 page*

License No. 52-25580-01
Docket no. 030-35886
EN Reference - 41921
PN - I-05-025

Post-It® Fax Note	7671	Date	8/19	# of pages	2
To	Mr. Bill Gott	From	R. Rodriguez		
Co./Dept.	NRC Headquarters	Co.	Geo-Explor, Inc.		
Phone #	301-816-5100	Phone #	787-708-2999		
Fax #	301-816-5151	Fax #	787-708-3020		

David Collins
404-560-4755



Incident Report August 16, 2005

On August 16, 2005, Mr. Roberto J. González Alverio was sent to a project in Dorado (located on Efrón Avenue) to take several compaction test with a CPN MC-1 nuclear gauge. Approximately at 11:20 am, Mr. González Alverio finished all the necessary tests and proceeded to secure the nuclear gauge inside its storage case. In the process of locking the handle of the gauge and locking the case, Mr. González Alverio realized he was blocking the construction traffic. Mr. González Alverio decided to pull out of the way without securing the case to the vehicle or closing the tailgate of the pick-up. While inside the vehicle, Mr. González Alverio proceeded to perform the calculation of the compaction tests. The construction supervisor approached the vehicle and Mr. González Alverio handed the results out through the vehicle's door window. Mr. González Alverio then started his vehicle and proceeded to return to the office. After three tens of a mile, Mr. González Alverio noticed that the tailgate was still opened and the nuclear gauge was missing. Mr. González Alverio immediately returned to the site to recover the nuclear gauge. Returning to the project site, Mr. González Alverio looked for the nuclear gauge along the road and throughout the site. Upon reaching the location that the gauge was loaded into the pick-up, Mr. González Alverio notified the Mr. Reynaldo Rodriguez (Radiation Safety Officer) of the incident.

Mr. Reynaldo Rodriguez then proceed to notify David Rhoe (Radiation Safety Consultant) and together they proceeded to the project site. Mr. Rodriguez and Mr. Rhoe arrived at the site at approximately 12:30 pm and proceeded to do an investigation of the incident. During the investigation, Mr. Rodriguez and Mr. Rhoe retraced the vehicle route, spoke with nearby residents that might have seen the gauge fall from the pick-up, talked to personnel at the project site, and talked with the project supervisor/engineer. Since the nuclear gauge was not recovered, Mr. Rodriguez notified the local police department. Officer Rivera (badge # 27572) filed out the police report (# 05-7-026-5938) documenting the incident.

Upon returning to the office, Mr. Rodriguez sent a press release to the local news stations, newspapers, and radio stations. After notifying the local media stations, the NRC region II and NRC headquarters was then notified of the incident.

The following corrective action will be taken. A refresher course on Hazmat and security of the nuclear gauge is scheduled for August 19 for all personnel that handle nuclear gauges. In addition to the training, Geo-Explor will review other options in securing the nuclear gauge case to the vehicle to prohibit it from sliding out of a vehicle.