

RI - DNMS Licensee Event Report Disposition

Licensee: EOS Carolinas, LP

Event Description: Stolen Gauge

License No: 32-369401 Docket No: 03137916 MLER-RI: 2014-001

Event Date: 05/24/11 Report Date: 05/24/11 HQ Ops Event #: 410876

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

Review NOV 20 2013 Reviewed by Routine Insp?

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 type="checkbox"/>	Calculations Adequate
<input checked="" type="checkbox"/>	Cause of Event	<input type="checkbox"/>	Additional Information Requested from Licensee

Device was recovered the SAME DAY

4. MANAGEMENT DIRECTIVE 8.3 EVALUATION

N/A

<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

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)

N/A

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

6. SPECIAL INSTRUCTIONS OR COMMENTS

Non-Public _____
Public
SUNSI REVIEW COMPLETE RJR

Inspector Signature: Rodney C. Rehm
Branch Chief Initials: BR

Date: 3/4/2014
Date: 3/5/2014



ECS CAROLINAS, LLP

"Setting the Standard for Service"

Geotechnical • Construction Materials • Environmental • Facilities

NC Registered Engineering Firm F-1078

US Nuclear Regulatory Commission Region 1
Attn: Mr. Randolph Ragland
2100 Renaissance Blvd.
Suite 100
King of Prussia, PA 19406

REC-0610218714M0742

Reference: 30 Day Report
10 CFR 30.50C2

Dear Mr. Ragland:

As requested, ECS Carolinas, LLP (ECS) has submitted the attached report for our license number 32-31294-01, document number 46876.

If you have any questions after reviewing this letter or the attachments or if we can be of assistance in any way, please contact us at (910) 686-9114.

Respectfully Submitted,

ECS CAROLINAS, LLP

Harry W. Slater, Jr.
RSO



May 25, 2011

Reference: Report of Stolen Nuclear Gauge

ECS Carolinas, LLP is currently under license with the NRC (license number 32-31294-01), North Carolina (license number 065-0253-2), and Camp Lejeune, North Carolina. On Tuesday May 24, 2011, the Troxler model 3440 gauge serial number 20641 was reported stolen. The following is a brief synopsis of the event as it unfolded:

At approximately 12:00 PM technician Shane Oster discovered that the nuclear gauge he was using, Troxler model 3440 gauge serial number 20641, was missing from the rear of his truck. He reportedly had the gauge under his tailgate on the ground in the shade while he sat in his truck to eat lunch. The project site is the Midway Park Phase II for Actus Lend Lease at Midway Park on Camp Lejeune, North Carolina.

At approximately 12:30 after looking on site Shane called Harry Slater, RSO to inform him of the situation.

At approximately 12:35 Harry Slater notified branch manager Kris Stamm, Corporate RSO Ron Newman, and CMT department manager William Cromartie. At this time Mr. Cromartie dispatched 6 of our personnel to the project site to look for the gauge.

At approximately 12:40 Harry Slater notified the Camp Lejeune safety specialist Danny Woodard of the situation. At this time Shane Oster was informed to alert the Military Police of the situation.

At approximately 13:20 while in route to the job site Harry Slater called the NRC to inform them of the situation and file a report (number 46876).

At approximately 14:15 Harry Slater arrived on the job site to begin the investigation. At this time Danny Woodard with base safety had also arrived on site.

At approximately 14:25 Actus Lend Lease employee Lynwood Yates approached Shane Oster and Harry Slater and informed us that he had the gauge locked in his vehicle. He reportedly found the gauge on the side of the road on another section of the project. He was aware of what he had, from seeing Shane use the gauge daily on site, and new that it belonged to ECS.

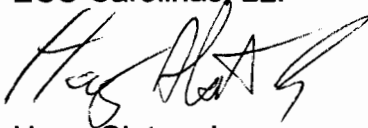
The gauge was checked with our survey meter and was found to not be leaking. The gauge appeared to be in good condition. At this time the NRC was notified of the return of the gauge and that the gauge was in working order and was being placed back in service. The gauge was then transported back to the ECS office by Harry Slater, where it was placed in secure storage.

Initial investigation indicated that Shane did not have the gauge locked in the case while not in use. The gauge was also placed out of his sight and more than 10 feet from him. The case and the locking equipment were in the truck and are in working condition. The gauge did still have the trigger lock in place. The lack of securing the gauge when not in use is in direct violation of our company policies as indicated on our license and on the document signed by Shane Oster.

Shane had previously attended our yearly safety training refresher in February, 2011 and had received an unannounced filed audit for nuclear safety on May 18, 2011. On this audit he was found to be in compliance with our safety procedures.

Shane was suspended for one week and will not be allowed to use a gauge for 30 days upon his return. Our authorized users will be brought into the office within the next 48 hours for a mandatory refresher training class.

Respectfully submitted,
ECS Carolinas, LLP

A handwritten signature in black ink, appearing to read "Harry Slater, Jr.", written in a cursive style.

Harry Slater, Jr.
Radiation Safety Officer

Non-Agreement State	Event Number: 46876
Rep Org: ECS CAROLINAS, LLP Licensee: ECS CAROLINAS, LLP Region: 1 City: CAMP LEJEUNE State: NC County: License #: 32-31294-01 Agreement: Y Docket: NRC Notified By: HARRY SLATER HQ OPS Officer: DONG HWA PARK	Notification Date: 05/24/2011 Notification Time: 13:24 [ET] Event Date: 05/24/2011 Event Time: 12:30 [EDT] Last Update Date: 05/25/2011
Emergency Class: NON EMERGENCY 10 CFR Section: 20.2201(a)(1)(i) - LOST/STOLEN LNM>1000X	Person (Organization): GLENN DENTEL (R1DO) ANGELA MCINTOSH (FSME) LAURA PEARSON (ILTA)

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

Event Text

TROXLER MOISTURE DENSITY GAUGE STOLEN

At approximately 1230 EDT on 5/24/11, a Troxler Moisture Density Gauge, Model #3440, S/N 20641, with 8 mCi Cs-137 and 40 mCi Am-241/Be was stolen from a truck at Camp Lejeune Marine Corps Base. The RSO reported the theft to the Base Safety Officer.

* * * UPDATE FROM HARRY SLATER TO HOWIE CROUCH ON 5/24/11 @ 1431 EDT * * *

The Troxler Moisture Density Gauge was located on the job site off the side of the road in a ditch. There was no damage to the gauge, and the gauge was placed back into service.

* * * UPDATE FROM HARRY SLATER TO CHARLES TEAL ON 5/25/11 @ 0732 EDT * * *

The following was excerpted from an email:

"Initial investigation indicated that the [technician] did not have the gauge locked in the case while not in use. The gauge was also placed out of [the technician's] sight more than 10 feet from him. The case and the locking equipment were in the truck and are in working condition. The gauge did still have the lock trigger in place. The lack of securing the gauge when not in use is in direct violation of the company policies as indicated on the license and on the document signed by [the technician]."

Notified R1DO (Dentel), FSME EO (McIntosh), and ILTAB (Pearson).

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. For additional information go to http://www-pub.iaea.org/MTCD/publications/PDF/Pub1227_web.pdf