

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
 G2 Consulting Group, LLC
 1866 Woodslee Street
 Troy, MI 48083

2. NRC/REGIONAL OFFICE
 U.S. Nuclear Regulatory Commission, Region III
 2443 Warrenville Road, Suite 210
 Lisle, Illinois 60532

REPORT NUMBER(S): 10-01

3. DOCKET NUMBER(S)
 030-33590

4. LICENSEE NUMBER(S)
 21-26593-01

5. DATE(S) OF INSPECTION
 December 15, 2010

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied

_____ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

One violation is described in Part 2, attached

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE	Bruce J. Wilberding	<i>Bruce J. Wilberding</i>	1/3/11
NRC INSPECTOR	Andrew M. Bramnik	<i>Andrew M. Bramnik</i>	12/29/2010
Branch Chief	Tamara E. Bloomer	<i>Robert G. Hutton, Jr.</i>	1/3/11

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
G2 Consulting Group, LLC
1866 Woodslee Street
Troy, MI 48083

2. NRC/REGIONAL OFFICE
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532

REPORT NUMBER(S) 10-01

3. DOCKET NUMBER(S)
030-33590

4. LICENSEE NUMBER(S)
21-26593-01

5. DATE(S) OF INSPECTION
December 15, 2010

(Continued from Part 1)

Item 9 of NRC License No. 21-26593-01 authorized the licensee to use the following portable moisture gauging devices: 1) Troxler Model No. 3411, 2) Troxler Model No. 3430, and 3) Instro Tek, Inc., Model No. 3500.

Contrary to the above, between August 28 and November 9, 2009, the licensee possessed a Troxler Model No. 3450 portable moisture gauging device without such authorization on its NRC license.

The root cause of this violation was the licensee's belief that it was the responsibility of the seller, a fellow NRC licensee going out of business, to notify NRC of the transfer and thought that the authorization would be granted as part of that process; therefore, the licensee failed to seek the required authorization for such a device prior to taking ownership of the device. As corrective actions, the licensee requested an amendment to its license for authorization to possess Troxler Model No. 3450 portable moisture gauging devices. This action was completed on November 10, 2010. The device was appropriately secured and properly leak tested during the time of unauthorized possession. The licensee now understands that they must submit an amendment request to NRC and receive NRC license authorization to possess any radioactive materials not authorized on their license prior to receipt of such materials, and they committed to do so in the future, if necessary.

This is a Severity Level IV violation (Section 6.3.d.7)

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE G2 Consulting Group, LLC 1866 Woodslee Street Troy, MI 48083 REPORT NUMBER(S) 10-01	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532
--	--

3. DOCKET NUMBER(S) 030-33590	4. LICENSEE NUMBER(S) 21-26593-01	5. DATE(S) OF INSPECTION December 15, 2010
---	---	--

6. INSPECTION PROCEDURES 87124	7. INSPECTION FOCUS AREAS 03.01 – 03.07
--	---

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 3121	2. PRIORITY 5	3. LICENSEE CONTACT Bruce J. Wilberding, P.E., RSO	4. TELEPHONE NUMBER 248-680-0400
-------------------------------	-----------------------------	--	--

<input checked="" type="checkbox"/> Main Office Inspection <input type="checkbox"/> Field Office Inspection _____ <input type="checkbox"/> Temporary Job Site Inspection _____	Next Inspection Date: December 2015
--	-------------------------------------

PROGRAM SCOPE

The licensee is a geotechnical, environmental, and construction services engineering firm. At the time of the inspection, the licensee possessed 11 Troxler Model Nos. 3411 and 3430 portable moisture/density gauges, 1 Troxler Model No. 3450 portable gauge, and 2 Instro Tek, Inc., Model 3500 portable gauges at their Troy, Michigan, facility. The licensee is not authorized to perform any non-routine maintenance or service activities on the gauges.

Performance Observations

No work at temporary job sites was available for observation at the time of the inspection. Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. All gauges were observed as adequately secured with two independent barriers to removal while in storage. The inspector observed the licensee perform a leak test on one of the gauges. The licensee described how gauges are transported using two independent barriers, as well as how gauges were tracked by utilization logs and an electronic database.

Independent measurements taken did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body dosimetry was observed during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits, with the highest whole body dose to an individual being 85 mrem in 2008. The licensee did not physically possess, but had access to, a radiation survey meter, if needed. A records review indicated that required physical inventories, leak tests, and personnel gauge safety training had been completed.

One violation was identified during this inspection for possession of radioactive materials not authorized by the licensee's NRC license. Specifically, between August 28 and November 9, 2010, the licensee possessed one Troxler Model No. 3450 portable moisture gauging device without authorization. The violation, root cause, and corrective actions are described in Part 2, above.