

**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  NTH Consultants, Ltd. 11675 Belden Court Livonia, MI 48150  REPORT NUMBER(S) 12-01	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S)  030-08223	4. LICENSE NUMBER(S)  21-14894-01	5. DATE(S) OF INSPECTION  10/3/12 thru 11/1/12
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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  James Stamper	4. TELEPHONE NUMBER  (313) 553-6300
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- Main Office Inspection      Next Inspection Date: November 2017
- Field Office Inspection
- Temporary Job Site Inspection

**PROGRAM SCOPE**

On October 2 and October 4, 2012 an U.S. Nuclear Regulatory (NRC) Inspector conducted an inspection of the licensee's main office located in Livonia, Michigan, and subsequently at one of the field offices located in Lansing, Michigan. An inspection was also conducted at a temporary job site located at a landfill in Woodland, Michigan. An in office review was concluded when the licensee provided additional information about storage practices at the Lansing, Michigan location. The licensee was a moderate sized engineering firm that employed 34 portable gauge users and possessed 3400 series Troxler gauges.

Gauge storage was observed at both the Livonia and Lansing offices and at the temporary job site at the landfill located in Woodland, Michigan. Two tangible barriers were implemented in all locations.

Dosimetry reports, leak test records, inventories and training records were reviewed. The maximum dose received by a gauge users in 2011 was 295 mrem whole body, and the year to date maximum dose received for 2012 was 104 mrem whole body.

Two portable gauge operators at the landfill were provided scenarios for emergency response and operations of the portable gauges at the temporary job site. Their response were adequate. The inspector also observed proper labeling on the gauge, appropriate shipping papers, and correct markings on the Type A package.

No violations were noted at this time.

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**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, to exercise discretion, were satisfied.

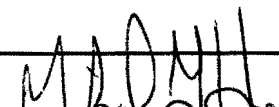
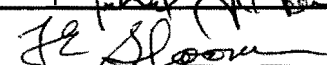
Non-cited violation(s) were discussed involving the following requirement(s):

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

**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			
NRC INSPECTOR	Michael G. Herr, CHP		11-14-12
BRANCH CHIEF	Tamara E. Bloomer		11/16/12