

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Alt & Witzig Engineering, Inc. 4105 West 99th Street Carmel, IN 46032  REPORT NUMBER(S) 2018001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
--	---

3. DOCKET NUMBER(S)  030-35111	4. LICENSE NUMBER(S)  13-18685-02	5. DATE(S) OF INSPECTION  05/21-22/18, with in-office review through 06/08/18
--------------------------------------	---	---

**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):

- 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	Ryan Craffey	<i>Ryan Craffey</i>	06/18/2018
BRANCH CHIEF	Aaron McCraw	<i>AJW for ATM</i>	6/19/18

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Alt & Witzig Engineering, Inc. 4105 West 99th Street Carmel, IN 46032  REPORT NUMBER(S) 2018001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
--	---

3. DOCKET NUMBER(S)  030-35111	4. LICENSE NUMBER(S)  13-18685-02	5. DATE(S) OF INSPECTION  05/21-22/18, with in-office review through 06/08/18
6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  All	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  William E. Witzig - RSO	4. TELEPHONE NUMBER  (317) 727-2724
---------------------------------	----------------------	--	---

- Main Office Inspection      Next Inspection Date: 05/21/2023
- Field Office Inspection    1418 86th Place, Merrillville, IN
- Temporary Job Site Inspection    3050 West 96th Street, Carmel, IN

**PROGRAM SCOPE**

This was an unannounced routine inspection of a geotechnical, environmental and construction services firm authorized to use portable moisture density gauges containing byproduct material at five locations across the State of Indiana, and at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee possessed Troxler and/or CPN gauges at each location listed on the license, and employed more than two dozen individuals trained to use them. The licensee's RSO was based at the company's main office in Carmel, and worked mornings only.

**PERFORMANCE OBSERVATIONS**

The inspector visited the facilities in Carmel and Merrillville to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent surveys of each facility; exposures in publicly-accessible areas were well below regulatory limits. Moreover, the Merrillville office matched the description provided by the licensee in a November 2017 renewal application, in which it requested to add the facility as an authorized location of use. The inspector also observed the conduct of licensed activities on a residential construction project in Carmel. The authorized user maintained control and constant surveillance of his gauge at all times on the job site, and wore personnel dosimetry as required by licensee procedures. The inspector interviewed the user and found him to be knowledgeable of radiation protection principles and licensee procedures. The inspector also interviewed the licensee's RSO at the main office in Carmel to discuss and evaluate oversight of the radiation safety program.

The inspector reviewed a selection of records available at all each location, including utilization logs at both offices, shipping papers and emergency response information at the temporary job site, and inventory, dosimetry, training and audit documentation at the main office in Carmel. During the period of in-office review, the inspector received and evaluated additional information related to authorized user refresher training that was not available at the time of the on-site inspections.

No violations of NRC requirements were identified as a result of this inspection. The inspector conducted an exit meeting with the RSO on June 14, 2018.

GW for  
ATM  
6/19/18