



Materials Inspection Report

1. Licensee/Location Inspected: Alt & Witzig Engineering, Inc. 4105 West 99th Street Carmel, IN 46032 Report Number(s) 2022-001	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) 030-35111	4. License Number(s) 13-18685-02	5. Date(s) of Inspection November 17, 2022
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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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.
 - A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))

 - B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Deborah A. Piskura, Senior Health Physicist	Deborah A. Piskura <small>Digitally signed by Deborah A. Piskura Date: 2022.12.01 13:55:20 -06'00'</small>
BRANCH CHIEF	Rhex A. Edwards, Chief, MIB	 <small>Digitally signed by Rhex A. Edwards Date: 2022.12.05 14:59:50 -06'00'</small>



Materials Inspection Record

1. Licensee Name: Alt & Witzig Engineering, Inc.		2. Docket Number(s): 030-35111		3. License Number(s) 13-18685-02	
4. Report Number(s): 2022-001			5. Date(s) of Inspection: November 17, 2022		
6. Inspector(s): D. A. Piskura		7. Program Code(s): 03121	8. Priority: 5	9. Inspection Guidance Used: 87124	
10. Licensee Contact Name(s): Mark Herber		11. Licensee E-mail Address: mherber@altwitzig.com		12. Licensee Telephone Number(s): 317-875-7040	

13. Inspection Type: <input type="checkbox"/> Routine <input type="checkbox"/> Announced <input checked="" type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Hybrid <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Remote <input checked="" type="checkbox"/> Temporary Job Site		15. Next Inspection Date (MM/DD/YYYY): 05/2023 <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input checked="" type="checkbox"/> No change	
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16. Location(s) Inspected List:

4105 West 99th Street, Carmel, IN (main office)
 Harris and Ford Construction Project, 56th Street, Indianapolis, IN (temporary job site)

17. Scope and Observations:

This inspection was conducted to review the licensee's corrective actions taken in response to escalated enforcement action (EA-22-020) involving the loss of a portable gauge on November 13, 2021. The NRC reviewed the loss of this portable gauge during its reactive inspection (IR 03035111/2021002) conducted on November 17-18, 2021, with continued in-office review through March 17, 2022. Two violations (grouped as a SLIII Problem) of NRC requirements were identified during the reactive inspection. The violations were cited in NOV dated July 11, 2022: (1) 10 CFR 20.1802/30.34(i), failure to control and maintain constant surveillance of a portable gauge and failure to use a minimum of two independent physical controls that form tangible barriers to secure a portable gauge; and (2) License Condition 17., failure to lock a portable gauge or its container when in transport and not under direct control of an authorized user. The NRC imposed a civil penalty of \$8,000 for the violations. To date, the lost gauge has not been recovered by the licensee.

The licensee's corrective actions included suspending the gauge user who was working with the gauge at the time the device was lost; providing training to this gauge user; providing refresher training to all gauge users; and labeling all gauge units/cases with the licensee's contact information. The inspector reviewed the licensee's implementation of its corrective actions and confirmed that these actions, listed above, had been completed in accordance with its commitments in letter dated December 9, 2021.

During this follow up inspection, the inspector toured the Indianapolis gauge storage area, performed radiation surveys, reviewed select records, and interviewed licensee personnel. This inspection included observations of licensed activities at a temporary job site in Indianapolis, Indiana. The field inspection consisted of interviews with the authorized gauge user; observations of his surveillance/control of the gauge at the job site; and a review of the shipping papers. At the time of the field inspection, the gauge was not in use. The inspector observed that the gauge was stored within the locked transportation case. The gauge/transportation case was secured within a locked job box (equipped with two locking mechanisms) bolted to the truck bed. The gauge user controlled the keys to all these locks. The gauge user wore his assigned dosimetry. The gauge user demonstrated his knowledge of the licensee's

Materials Inspection Record (Continued)

operating and emergency procedures and gauge security requirements.

No violations of NRC requirements were identified during this follow up inspection. The violations identified during the previous reactive inspection (03035111/2021002) are considered closed.

Signature and Date - Branch Chief



Digitally signed by Rhex A. Edwards
Date: 2022.12.05 15:00:28 -06'00'

From: [Deborah Piskura](#)
To: [Jason Draper](#)
Subject: FW: Alt and Witzig NRC Inspection Report
Date: Tuesday, February 27, 2024 2:06:33 PM
Attachments: [Alt and Witzig signed NRC 591M_RAE \(002\).pdf](#)

See below.

From: Deborah Piskura
Sent: Tuesday, December 6, 2022 10:13 AM
To: mherber@altwitzig.com
Subject: Alt and Witzig NRC Inspection Report

Hello Mark,

Attached to this email is your NRC inspection report (NRC Form 591M) for the follow up inspection effort conducted on November 17, 2022. You should maintain this form in your NRC files. Thank you so much for providing all the requested information. Please also extend my appreciation to the staff for their professionalism and cooperation extended to me during this inspection.

Wishing you a very happy holidays!

Kind Regards,
Debbie