

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Weaver Consultants Group  
400 Ann Street  
Suite 201A  
Grand Rapids, MI 49504

REPORT NUMBER(S) 2019002

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Rd, Suite 210  
Lisle, IL 60532

3. DOCKET NUMBER(S)

030-38128

4. LICENSE NUMBER(S)

21-32761-01

5. DATE(S) OF INSPECTION

July 24, 2019

**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:

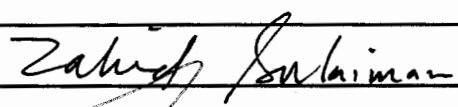
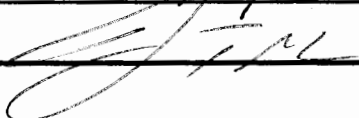
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Zahid Sulaiman, Health Physicist		7/24/19
BRANCH CHIEF	Aaron T. McCraw, Chief, MIB		8/23/19

**Docket File Information**

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3. DOCKET NUMBER(S)  030-38128	4. LICENSE NUMBER(S)  21-32761-01	5. DATE(S) OF INSPECTION  July 25, 2019	
6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01 - 03.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Jeffery Blum, RSO	4. TELEPHONE NUMBER  (616) 458-8052
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: 07/25/2024
<input type="checkbox"/> Field Office Inspection	
<input type="checkbox"/> Temporary Job Site Inspection	

**PROGRAM SCOPE**

This was a routine inspection of a construction engineering company authorized to use or store portable gauges containing radioactive material at field offices in Michigan, Indiana, and Missouri, and at temporary job sites in NRC jurisdiction. The inspector inspected the main office located in Grand Rapids, Michigan, and determined that there were two CPN Model MC and a Troxler Model 3400 series gauges at this location. The licensee possessed total of 10 total moisture density gauges at three locations: Columbia, MO - two CPNs; Grand Rapids, MI - two CPNs & 1 Troxler; and at Granger, IN - five Troxlers gauges. The gauges were primarily used during the construction season for soil engineering projects. The licensee employed 10 authorized gauge users at the Grand Rapids, MI location who have completed the manufacturers and DOT hazmat training. Although authorized, the Griffith, IN facility does not store any guages, they perform temporary job sites work and use a gauge from the Granger, IN location. The inspector requested the Granger, IN facility to be inspected by the end of 2019 in the inspection book, the location where most of the gauges are stored. The licensee closed the Evansville, IN facility about 3-4 years ago, the close-out survey was not available at the time of inspection. Licensee will submit an amendment request to update the licensee's location of use. The licensee suspended their dosimetry monitoring program since June of 2018, the inspector reviewed the licensee's evaluation and justification, with no issues noted.

**Performance Observations**

The inspector observed the security of the licensed materials. The portable gauges were adequately secured with two independent physical barriers while in storage at the licensee's facility or during transportation. At the time of this inspection, the gauges were not in use. The inspector had an authorized user demonstrate gauge use and operations, and security during transport. The authorized user demonstrated an adequate level of understanding of emergency and handling procedures. Security of gauges at temporary jobsites was described with no issues noted. The inspector reviewed a selection of records, including documentation of inventories, leak tests, utilization logs, training records, dosimetry reports, and program audits. The authorized gauge user interviewed by the inspector possessed required shipping papers that contained all appropriate information and were accessible in the transport vehicle.

No violations of NRC requirements were identified as a result of this inspection.