



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

May 31, 2019

Mr. Adam Ball  
Radiation Safety Officer  
Surveying Solutions, Inc.  
4471 M-61  
Standish, MI 48658

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03037659/2019001(DNMS) AND  
NOTICE OF VIOLATION – SURVEYING SOLUTIONS, INC.

Dear Mr. Ball:

On April 8-10, 2019, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at your St. Johns, Michigan and Standish, Michigan locations, with continued in-office review through May 6, 2019. The purpose of the inspection was to review activities performed under your NRC license to ensure that activities were being performed in accordance with NRC requirements. The in-office review included a review of your method of securing your portable gauges while they are being transported. Mr. Jason Draper of my staff conducted a final exit meeting by telephone with you on May 6, 2019, to discuss the inspection findings.

During this inspection, the NRC staff examined activities conducted under your license related to public health and safety. Additionally, the staff examined your compliance with the Commission's rules and regulations as well as the conditions of your license. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

Based on the results of this inspection, the NRC has determined that one Severity Level IV violation of NRC requirements occurred. The violation was evaluated in accordance with the NRC Enforcement Policy. The current Enforcement Policy is included on the NRC's website at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The violation concerned the failure to use a minimum of two independent barriers at your St. Johns, Michigan storage location to secure portable gauges from unauthorized removal when they were not under your staff's control and constant surveillance, as required by Title 10 of the *Code of Federal Regulations* (CFR) 30.34(i). Specifically, your staff failed to close and lock the portable gauge storage room door, and as such, only one barrier was in place to secure the gauges from unauthorized removal while the gauges were not under constant surveillance. The violation is cited in the enclosed Notice of Violation (Notice). The NRC is citing the violation in the enclosed Notice because the inspector identified the violation.

The inspector determined that the root cause of the violation was an isolated oversight by your staff for leaving the portable gauge storage room door open. As corrective actions to restore compliance and to prevent recurrence, your staff immediately took control of the gauges and

closed and locked the door upon leaving the area. Additionally, on April 12, 2019, you installed an automatic keypad lock on the door and displayed signage reminding staff of the requirement to close and lock the door.

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date when full compliance was achieved is already adequately addressed on the docket in this letter. Therefore, you are not required to respond to this letter unless the description herein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

Please feel free to contact Mr. Draper if you have any questions regarding this inspection. Mr. Draper can be reached at 630-829-9839.

Sincerely,

*/RA/*

Aaron T. McCraw, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

Docket No. 030-37659  
License No. 21-32687-01

Enclosure:  
Notice of Violation

cc w/encl: State of Michigan

Letter to Adam Ball from Aaron McCraw, dated May 31, 2019.

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03037659/2019001(DNMS) AND  
NOTICE OF VIOLATION – SURVEYING SOLUTIONS, INC.

DISTRIBUTION w/encl:

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**ADAMS Accession Number: ML19154A256**

OFFICE	RIII-DNMS	C	RIII-DNMS	C				
NAME	JDraper:ps		AMcCraw					
DATE	5/28/2019		5/31/2019					

**OFFICIAL RECORD COPY**

## NOTICE OF VIOLATION

Surveying Solutions, Inc.  
Standish, Michigan

License No. 21-32687-01  
Docket No. 030-37659

During a U.S. Nuclear Regulatory Commission (NRC) inspection conducted on April 8, 2019, through April 10, 2019, with continued in-office review through May 6, 2019, one violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

Title 10 of the *Code of Federal Regulations* (CFR) 30.34(i) requires that each portable gauge licensee use a minimum of two independent physical controls that form tangible barriers to secure portable gauges from unauthorized removal whenever portable gauges are not under the control and constant surveillance of the licensee.

Contrary to the above, on April 8, 2019, the licensee failed to use a minimum of two independent physical controls to secure portable gauges from unauthorized removal at the licensee's St. Johns, Michigan storage location when the portable gauges were not under the control and constant surveillance of the licensee. Specifically, the licensee left the storage room door open and left the area such that the licensee no longer maintained control and constant surveillance of the portable gauges and only maintained one physical control to secure the portable gauges from unauthorized removal.

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

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date when full compliance was achieved, is already adequately addressed on the docket in the letter transmitting this Notice of Violation (Notice). However, you are required to submit a written statement or explanation pursuant to 10 CFR 2.201 if the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation, IR 03037659/2019001(DNMS)" and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001 with a copy to the Regional Administrator, Region III, within 30 days of the date of the letter transmitting this Notice.

If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

If you choose to respond, your response will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days of receipt.

Dated this 31<sup>ST</sup> day of May, 2019.

Enclosure