

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED

Geotechnical Solutions, Inc.
3859 Centerview Drive
Suite 160
Chantilly, VA 20151

2. NRC/REGIONAL OFFICE

Region 1
475 Allendale Rd
Suite 102
King of Prussia, PA 19406

REPORT NUMBER(S) 2023001

3. DOCKET NUMBER(S)

030-38565

4. LICENSE NUMBER(S)

45-31479-01

5. DATE(S) OF INSPECTION

08/17/2023 - 08/21/2023

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 the 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)

One violation of the regulatory requirements was identified as follows:

A. 10 CFR 30.34(c) specifies that each person licensed by the Commission pursuant to the regulations in 10 CFR part 30 and parts 31 through 36 and 39 shall confine possession and use of the byproduct material to the locations and purposes authorized in the license. Specifically, License Condition 14 requires the licensee to conduct a physical inventory every six months or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory, and shall include the radionuclide, quantities, manufacturer's name and model numbers and the date of the inventory.

Contrary to this requirement, Geotechnical Solutions, Inc maintained records of inventories for 3 years from the date of the inventory but did not include the radionuclide or quantities. Corrective action was provided via email on 08/21/2023.

This is a Severity Level IV violation (NRC Enforcement Policy Section 6.3(d))

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	Khalid Aldulaimi	Khalid Aldulaimi, RSO	Digitally signed by Khalid Aldulaimi, RSO Date: 2023.08.24 10:47:14-04'00'
NRC INSPECTOR	Lisa Forney	Lisa A. Forney	Digitally signed by Lisa A. Forney Date: 2023.08.24 10:18:11 -04'00'
BRANCH CHIEF	Christopher Cahill	Christopher G. Cahill	Digitally signed by Christopher G. Cahill Date: 2023.08.24 16:24:31 -04'00'