

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: L. S. Engineering, Inc. 200 South Clay Street Greenville, MI 48838 REPORT NUMBER(S) 2017001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
---	---

3. DOCKET NUMBER(S) 030-35620	4. LICENSE NUMBER(S) 21-32296-01	5. DATE(S) OF INSPECTION 06/23/17, with in-office review through 07/05/17
--------------------------------------	---	---

6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS All
--	--------------------------------------

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Bryan MacKinnon - RSO	4. TELEPHONE NUMBER (616) 643-0810
---------------------------------	----------------------	--	---

Main Office Inspection Next Inspection Date: 06/23/2022

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of a civil engineering firm authorized to possess and use portable nuclear density gauges at its facilities in Greenville and Grand Rapids, Michigan, and at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee had three Troxler 3400 series gauges, and four individuals trained to use them. The RSO and all of the licensee's gauges were based at the Grand Rapids facility.

PERFORMANCE OBSERVATIONS

The inspector toured the facility in Grand Rapids to evaluate the licensee's measures for materials security, hazard communication, and exposure control. When not under constant surveillance, all gauges were stored behind two independent controls that formed tangible barriers against unauthorized removal. Independent surveys in the vicinity of the storage location resulted in no readings above regulatory limits. Although the licensee was not using any of its gauges at the time of the inspection, the RSO and another authorized user were still able to demonstrate to the inspector the implementation of licensee procedures for gauge transportation, use, and emergency response. Through these demonstrations and various other discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector also reviewed a selection of records, including leak tests, shipping papers, utilization logs, gauge user training certificates, documentation of semi-annual inventories and annual audits, and the licensee's written agreement with a nearby gauge licensee for access to their survey instrument in the event of an emergency. During the period of in-office review, the inspector reviewed additional gauge user training certificates not available at the time of the inspection.

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