

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114 Location Inspected: Sioux Falls, SD REPORT NUMBER(S) 2019001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-34637	4. LICENSE NUMBER(S) 22-20271-02	5. DATE(S) OF INSPECTION July 29, 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:

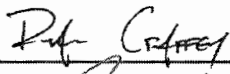
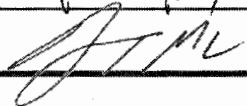
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Jason vonEhr (Region IV)	 (for JV)	08/09/2019
BRANCH CHIEF	Aaron McCraw		08/16/2019

Docket File Information**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS All	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03320	2. PRIORITY 1	3. LICENSEE CONTACT Justin Rost - RSO	4. TELEPHONE NUMBER (651) 789-4653
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<input type="checkbox"/> Main Office Inspection	Next Inspection Date: No Change
<input checked="" type="checkbox"/> Field Office Inspection	601 East 48th Street North, Sioux Falls, SD
<input type="checkbox"/> Temporary Job Site Inspection	

PROGRAM SCOPE

This was an unannounced field office inspection of a non-destructive testing company authorized to use radioactive material for industrial radiography at field stations in Gary, Indiana, and Sioux Falls, South Dakota, and at temporary job sites in NRC jurisdiction. The scope of this inspection was limited to a review of licensed activities at the Sioux Falls office, where the licensee had recently consolidated its radiography (previously in Beresford, SD) and portable gauge operations (authorized under NRC License No. 22-20271-01, Docket No. 030-18180). Although located in the same facility, these programs operated as completely separate organizational entities. At the time of the inspection, the licensee had three carded radiographers at this location, three radiography cameras, and two rigs.

PERFORMANCE OBSERVATIONS

The inspector toured the Sioux Falls facility and evaluated the licensee's material security and exposure control measures. All licensed material was adequately secured from unauthorized removal. The inspector noted that the licensee had relocated the miniature permanent radiographic installation featuring 10-HVL collimator that it had utilized previously in Beresford to enable radiographic operations on the premises without needing to establish a large restricted area. The inspector was unable to observe the conduct of any radiographic operations, either at this installation or at a temporary job site, as none was scheduled or in-progress during the week of the inspection. Instead, the inspector interviewed the licensee's staff to discuss the storage, transport, and use of licensed material; emergency response measures; and field audits. Through these interviews, the inspector found the staff to be knowledgeable of regulatory requirements and licensee policies and procedures.

The inspector also reviewed a selection of records, including radiation safety training documentation and personnel dosimetry reports, which indicated maximum occupational exposures of 654 millrem DDE in 2018, and 311 mrem DDE in 2019 through June 30.

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

Craffey, Ryan

From: Craffey, Ryan
Sent: Friday, August 16, 2019 9:47 AM
To: Rost, Justin
Subject: NRC Inspection Report
Attachments: NRC Inspection Report - AET (Sioux Falls 2019).pdf

Good morning Justin,

Attached is a copy of the report for Mr. vonEhr's recent inspection of activities conducted under your radiography license in Sioux Falls. Since no violations were identified, no additional action on your part is required.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390 of the NRC's "Rules of Practice," a copy of this report will be 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>.

Please feel free to let me know if you have any questions or concerns. Thank you!

Ryan Craffey

Health Physicist
US Nuclear Regulatory Commission
Materials Inspection Branch, Region III
(630) 829-9655