

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

St. Louis Testing Laboratories, Inc.
2810 Clark Avenue
St. Louis, MO 63103

REPORT NUMBER(S) 2012-001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-05064

4. LICENSE NUMBER(S)

24-00188-02

5. DATE(S) OF INSPECTION

August 1, 2012

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)

10 CFR 34.47(c) requires, in part, that pocket dosimeters must be checked at periods not to exceed 12 months for correct response to radiation.

Contrary to the above, on August 1, 2012, a radiographer used a pocket dosimeter at a job site which was not checked for correct response to radiation at a period not to exceed 12 months. Specifically the pocket dosimeter was previously checked for correct response on 7/8/2011, a period in excess of 12 months.

As corrective action, the licensee removed this dosimeter from service. The licensee will issue a memo to the staff reminding the radiographers to check the calibration dates of their equipment prior to use.

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		<i>[Signature]</i>	8/1/12
NRC INSPECTOR	Deborah A. Piskura, Health Physicist	<i>[Signature]</i>	8/1/2012
BRANCH CHIEF	Tamara E. Bloomer, Chief, MIB	<i>[Signature]</i> for	8/10/12

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: St. Louis Testing Laboratories, Inc. 2810 Clark Avenue St. Louis, MO 63103 REPORT NUMBER(S) 2012-001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
--	---

3. DOCKET NUMBER(S) 030-05064	4. LICENSE NUMBER(S) 24-00188-02	5. DATE(S) OF INSPECTION August 1, 2012
6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS 03.01-07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03320	2. PRIORITY 1	3. LICENSEE CONTACT Donald Braumer	4. TELEPHONE NUMBER (314) 531-8080
-----------------------------	------------------	---------------------------------------	---------------------------------------

- ☒ Main Office Inspection Next Inspection Date: 08/2013
- ☐ Field Office Inspection
- ☒ Temporary Job Site Inspection Nat'l GeoSpatial Intelligence Agency, St. Louis, MO

PROGRAM SCOPE

This private testing company employed 60 individuals (16 radiographers and 1 assistant) and offered NDE services (isotope, mag particle, ultrasound, etc.) to clients located in Missouri and Illinois. Radiography was performed daily at temporary job sites using 2-man teams. The licensee is authorized to conduct house radiography within an approved PRI. The licensee utilized its Cs-137 calibrator to perform in-house survey meter calibrations within the PRI. The licensee was authorized for 2 Co-60 sources which were apparently disposed/transferred years ago.

During this inspection, the inspector toured the facilities of the main office and performed radiation surveys of the storage area/PRI at the main office and within a vehicle where a camera was stored. The inspection included a review of selected records and interviews with several radiographers. This inspection consisted of direct observations of a typical radiography operation within the PRI, a field inspection listed above, and of two radiography crews returning to the field office from temporary job sites. At the temporary job site, the inspector confirmed that the radiography personnel wore their assigned dosimetry; possessed and used calibrated, operable survey meters; established boundaries for the exposure areas; performed required surveys at the completion of each exposure; maintained control and surveillance of the exposure device; and transported the device in accordance with DOT requirements. The inspector examined the labeling on select exposure devices and performed a radiation survey around the outside of the transport vehicles and in the passenger compartments; all readings were within regulatory limits. The inspector verified documents pertaining to utilization logs, certifications, operating and emergency procedures, the license, and NRC Regulations. The maximum TEDE (whole body) exposures for 2011 and YTD 2012 were reported as 2,309 and 1,593 respectively. One violation of NRC requirements was identified for a radiographer's failure to ensure that his pocket dosimeter was checked for correct response (not to exceed 12 months) as required by Section 34.47(c); the radiographer's pocket dosimeter was last checked on 7/8/2011. The licensee immediately removed the dosimeter from service. The licensee committed to issue a memo to its staff reminding them to check all equipment for proper calibration/tests.