

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Missouri Public Health Laboratory
101 N. Chestnut St.
Jefferson City, MO

2. NRC/REGIONAL OFFICE

Region III
2443 Warrenville Rd.
Lisle, IL
Select a location (Use keyboard arrows to select)...

REPORT NUMBER(S) 2016-001

3. DOCKET NUMBER(S)

030-38804

4. LICENSE NUMBER(S)

24-35208-01

5. DATE(S) OF INSPECTION

3/17/16

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 | Robert G. Gattone, Jr. | Robert G. Gattone, Jr. | 3/17/16 |
| BRANCH CHIEF | Robert T. McCann | | 3/28/16 |

Docket File Information

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REPORT NUMBER(S) 2016-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-38804

4. LICENSE NUMBER(S)

24-35208-01

5. DATE(S) OF INSPECTION

3/17/16

6. INSPECTION PROCEDURES USED

87126

7. INSPECTION FOCUS AREAS

02.01, 02.02, and 02.04 through 02.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03124

2. PRIORITY

T

3. LICENSEE CONTACT

Alan Schaffer, RSO

4. TELEPHONE NUMBER

(573) 751-3334

☒ Main Office Inspection

Next Inspection Date: 03/17/2017

☐ Field Office Inspection

☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an initial inspection. The licensee had not received any licensed material yet. The RSO anticipated that the initial receipt of licensed material would be in May 2016. The licensee's hours were Monday through Friday from 8:00am to 5:00pm. Licensed activities will include handling of soil samples, fractionating licensed liquid sources that will be disposed of as radioactive waste, and calibration of the licensee's instruments at the licensee's facility.

Performance Observations

The inspector: (1) observed that the facility had key card access to limit entry to authorized individuals; (2) observed that visitors cannot enter the facility unless they are greeted by a receptionist who would let them in after approval; (3) noted that the authorized users are as referenced in the NRC license; (4) noted that the RSO stated that he will implement an inventory system for licensed material that includes assignment of Lot numbers, date of receipt, radioactivity, calibration date, radionuclide, physical form, and total possession; (5) noted that the RSO planned to conduct the required physical inventories; (6) noted that the RSO knew that the licensee cannot remove sealed sources from source holders, cannot use licensed material on humans, and cannot conduct field applications; (7) discussed 10 CFR 20.1906, 20.1101, 30.50, 20.2201, 19.11, 20.1801, and 20.1802 with the RSO; (8) noted that the licensee planned to contain soil samples in sealed bags or containers; (9) noted that the licensee plans to have a Radiation Safety Committee; (10) discussed NUREG-4884 with the RSO; (11) noted that the licensee's commitments in documents referenced in Condition 18 of its license are silent regarding fractionating licensed liquid sources that will be disposed of as radioactive waste; (12) noted that the RSO committed to request an amendment to the license to add procedures for transfer of fractions of licensed liquid sources and proper radioactive waste disposal of fractions of those liquid sources; and (13) noted that the NRC Region III Materials Licensing Branch Chief planned to have the the Program Code (referenced above) changed to a different Program Code relative to the licensee's plan to fractionate licensed liquid sources.