

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

St. Louis County Department of Health
Environmental Health Laboratories
111 South Meramec
Clayton, MO 63105

REPORT NUMBER(S) 12-01

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-05125

4. LICENSE NUMBER(S)

24-11263-01

5. DATE(S) OF INSPECTION

January 30, 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)

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 P. Hays		1/30/12
BRANCH CHIEF	Tamara E. Bloomer		2/17/12

Docket File Information

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6. INSPECTION PROCEDURES USED

87134

7. INSPECTION FOCUS AREAS

03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03620

2. PRIORITY

5

3. LICENSEE CONTACT

Robert A. Nicolotti, RSO

4. TELEPHONE NUMBER

(314) 615-6830

☒ Main Office Inspection

Next Inspection Date: 01/30/2017

☐ Field Office Inspection

☐ Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was authorized for any byproduct material with atomic numbers 1-83 and other specified isotopes, to be used and possessed as analytical samples, standards, and/or instrument calibrations. The licensee is also authorized for Ni-63 gas chromatographs for sample analysis.

All work using licensed material involved standards for instrument calibrations that are used for water sample analysis. The laboratory conducts routine analysis of water samples received from all public potable water systems within the State of Missouri for U.S. Environmental Protection Agency's drinking water standards. Two individuals are listed as authorized users, with one additional lab technician who assists with sample counting. All water samples are sewered after analysis with records available detailing disposals. All calibration standards used for instrument calibrations and sample radiological activities are in the picocurie range. The licensee has transferred all Ni-63 sources off site for disposal.

Performance Observations

During the inspection, the RSO and staff demonstrated/discussed: (1) package receiving, and check-in procedures; (2) contamination surveys; (3) waste handling, storage and disposal procedures including monthly sewer disposal records for 10 CFR Part 20 requirements; (4) isotope inventory control; (5) security of licensed material; and (6) records of receipt, use, and disposals. Area surveys of the lab areas did not reveal any contamination or elevated readings.