NRC FORM 591M
(09-11-2024)

U.S. NUCLEAR REGULATORY COMMISSION

Materials Inspection Report

1. Licensee/Location Inspected:	2. NRC/Regional Office
Saint Louis University 1402 South Grand Blvd. St. Louis, MO 63104 **Report Number(s)** 2024001	Region III U. S. Nuclear Regulatory Commission 2056 Westings Avenue, Suite 400 Naperville, IL 60563-2657

3. Docket Number(s)	4. License Number(s)	5. Date(s) of Inspection
03011789	24-00196-07	12/3/2024-12/19/2024

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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
(Non-cited violation(s) was/were discussed involving the following requirement(s)

B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE	Kelly Baumer	
NRC INSPECTOR	Elizabeth Tindle-Engelmann	ELIZABETH TINDLE-ENGELMANN Digitally signed by ELIZABETH TINDLE-ENGELMANN Date: 2024.12.19 13:00:01 -06'00'
BRANCH CHIEF	Rhex Edwards	Digitally signed by RHEX EDWARDS Date: 2024.12.23 09:49:19 -06'00'

Add Continuation Page

NRC FORM 592M
(10-04-2022)

U.S. NUCLEAR REGULATORY COMMISSION

Materials Inspection Record

1. Licensee Name:	2. Docket Number(s):	3. License Number(s)
Saint Louis University	03011789	24-00196-07

4. Report Number(s):	5. Date(s) of Inspection:
2024001	12/3/2024 - 12/19/2024

6. Inspector(s):	7. Program Code(s):	8. Priority:	9. Inspection Guidance Used:
Elizabeth Tindle-Engelmann	02110	2	87130

10. Licensee Contact Name(s):	11. Licensee E-mail Address:	12. Licensee Telephone Number(s):
Mark Haenchen	mark.haenchen@slu.edu	314-977-6885

13. Inspection Type:	14. Locations Inspected:	15. Next Inspection Date (MM/DD/YYYY):
☐ Initial	☐ Hybrid	
☐ Routine	☑ Main Office	06/21/2025
☑ Announced	☐ Field Office	☐ Normal
☑ Non-Routine	☐ Temporary Job Site	☐ Extended
☐ Unannounced	☑ Remote	☐ Reduced
		☑ No change

16. Location(s) Inspected List:
1402 South Grand Blvd., St. Louis, MO 63104

17. Scope and Observations:

The licensee was a broad scope medical licensee with authorization for a variety of uses including medical diagnosis, therapy, and research. The scope of this inspection was limited to diagnostics uses of unsealed byproduct material in the Nuclear Medicine department and associated tasks within the Nuclear Medicine department. At the time of the inspection, the licensee had five nuclear medicine technologists, one department supervisor, two authorized users, one radiation safety officer, and one associate radiation safety officer supporting the Nuclear Medicine department. The Nuclear Medicine department administered approximately 150 doses of unsealed byproduct material for diagnosis per month. The Nuclear Medicine department received unit doses of primarily technetium-99m from a licensed radiopharmacy.

The inspector reviewed the following records: area surveys, dosage determination and patient administration logs for December 2022 through June 2023 from the Nuclear Medicine department, dose calibrator calibrations for equipment in the Nuclear Medicine department, dosimetry for selected individuals, prescribed dose schedule for in-vivo studies, program reviews, and training for selected individuals. The inspector reviewed procedures for the following tasks: dose calibrator quality control, dose calibrator calibrations, dosage determinations, safe handling of radioactive material, and radioactive waste disposal. The inspector interviewed three nuclear medicine technologists, the associate radiation safety officer, and one authorized user as part of the inspection. Interviews with licensee personnel indicated adequate knowledge of radiation safety and security concepts and procedures.

No violations were identified as a result of this inspection.

Signature and Date - Branch Chief

Digitally signed by RHEX EDWARDS
Date: 2024.12.23 09:48:51 -06'00'