



Materials Inspection Report

1. Licensee/Location Inspected: Mosaic Life Care ATTN: Nuclear Medicine 5325 Faraon St. St. Joseph, MO 64506 Report Number(s) 2023001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. Docket Number(s) 030-14791	4. License Number(s) 24-18287-01	5. Date(s) of Inspection 9/13/2023 to 12/14/2023
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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		
NRC INSPECTOR	Luis Nieves	Luis A. Nieves Folch <small>Digitally signed by Luis A. Nieves Folch Date: 2023.12.14 10:00:07 -06'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2024.01.04 09:30:11 -06'00'</small>

From: [Luis Nieves Folch](#)
To: sean.cowman@mymlc.com
Subject: NRC 591 Mosaic Life Care report
Date: Thursday, January 4, 2024 10:56:00 AM
Attachments: [591M Mosaic Life Care sign_RAE.pdf](#)

Dear Sean

Attach is the clear 591 report for the inspection conducted on 9/13/2023. At this point there is no further actions on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message 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 contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
Health Physicist
U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
Office: (630) 829-9571
Fax: (630) 515-1259




Materials Inspection Record

1. Licensee Name: Mosaic Life Care		2. Docket Number(s): 030-14791		3. License Number(s) 24-18287-01	
4. Report Number(s): 2023001			5. Date(s) of Inspection: 9/13/2023 to 12/14/2023		
6. Inspector(s): Luis Nieves		7. Program Code(s): 02230	8. Priority: 2	9. Inspection Guidance Used: 87132	
10. Licensee Contact Name(s): Sean Cowman, Director Radiology		11. Licensee E-mail Address: sean.cowman@mymlc.com		12. Licensee Telephone Number(s): 816-752-1868	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 9/13/2025 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: 5325 Faraon St., St. Joseph, Missouri 64506					
17. Scope and Observations: This was an unannounced, routine inspection of a hospital authorized by its NRC license to use unsealed byproduct material for diagnostic and therapeutic procedures under 10 CFR 35.100, 200, 300, 400, 600, and 1000(Y-90). During the inspection, the licensee performed a comprehensive spectrum of diagnostic procedures. The nuclear medicine department was staffed with eight full-time nuclear medicine technologists (NMTs) who performed approximately seven diagnostic nuclear medicine procedures daily. The licensee had three hot labs: one for the hearts center, one for decay in storage, and one for the nuclear medicine department. The nuclear medicine department is open from Mondays to Fridays at their main hospital. The licensee has not performed manual brachytherapy or HDR since the last inspection. The HDR unit is empty without a source until further notice. This year, they performed fifteen I-131, five Xofigo, and twenty-one Y-90 treatments. The licensee retains a consultant health physicist to conduct annual audits of the radiation safety program and calibrations. This inspection was prolonged to review a line item in the license authorizing a barium-133 source under 10 CFR 35.500. The licensee reviewed their records concerning such a source, which has been authorized on the license since September 2000. Based on their review, the licensee believes at this time that they have never possessed such a source. The inspector conducted a tour of the nuclear medicine department and discussed the NMT package receipt, surveys, and instrument quality control checks. The inspector observed the preparation and administration of a HIDA scan injection. The NMT demonstrated adequate knowledge of radiation safety principles and practices through interviews. The inspector reviewed audit reports, instrument calibration, inventory, surveys, constancy, wipes, linearity, accuracy, DOT training, written directives, and training. The inspector also reviewed monthly dosimetry reports, which indicated annual whole-body and extremity doses were below regulatory limits. No violations of NRC requirements were identified as a result of this inspection.					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief

A handwritten signature in black ink, appearing to be 'R. Edwards', with a long horizontal line extending to the right.

 Digitally signed by Rhex A. Edwards
Date: 2024.01.04 09:29:33 -06'00'