

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Harrison County Community Hospital Nuclear Medicine Department 2600 Miller Street Bethany, MO 64424  REPORT NUMBER(S) 2021001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-38827	4. LICENSE NUMBER(S)  24-35230-01	5. DATE(S) OF INSPECTION  December 14, 2021

**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	Luis Nieves Folch/Laura Cender	Luis A. Nieves Folch <small>Digitally signed by Luis A. Nieves Folch Date: 2022.01.05 10:19:21 -06'00'</small>	Laura B. Cender <small>Digitally signed by Laura B. Cender Date: 2022.01.05 14:32:49 -06'00'</small>
BRANCH CHIEF	Michael Kunowski	Michael A. Kunowski <small>Digitally signed by Michael A. Kunowski Date: 2022.01.06 11:52:59 -06'00'</small>	



### Materials Inspection Record

1. Licensee Name: Harrison County Community Hospital		2. Docket Number(s): 030-38827		3. License Number(s) 24-35230-01	
4. Report Number(s): 2021001			5. Date(s) of Inspection: December 14, 2021		
6. Inspector(s): Luis Nieves		7. Program Code(s): 02121	8. Priority: 5	9. Inspection Guidance Used: 87130	
10. Licensee Contact Name(s): Susan Long CNMT		11. Licensee E-mail Address: suzeqlong@icloud.com		12. Licensee Telephone Number(s): 660-425-2211	
13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		December 14, 2026 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an announced, routine inspection of a small hospital authorized by its NRC license to use unsealed byproduct material for diagnostic procedures under 10 CFR 35.100 and 35.200. At the time of the inspection, the licensee performed a comprehensive spectrum of diagnostic procedures, using unit doses of Tc-99m from a local radiopharmacy. The nuclear medicine department was staffed with one full-time nuclear medicine technologist (NMT) and performed approximately 10 procedures per week. The licensee has one hot lab at the hospital that operates on Tuesdays and Thursdays. The licensee retains a consultant health physicist to perform annual audits of the radiation safety program and calibrations.

PERFORMANCE OBSERVATIONS

The inspectors conducted a tour of the nuclear medicine hot lab and discussed with the NMT package receipt, surveys, and instrument quality control checks. The licensee demonstrated preparation and administration of radioactive material, because there were no patient administration schedule at the time of the inspection. The inspectors performed independent surveys of the hot lab and other areas of the nuclear medicine department and found no contamination or exposures to members of the public distinguishable from background. The NMT demonstrated adequate knowledge of radiation safety principles and practices through interviews. The inspectors reviewed audit reports, instrument quality control, area survey, inventory, dose calibrator linearity and accuracy, leak tests, waste disposal records, and training. The inspectors also reviewed monthly dosimetry reports which indicated annual whole-body and extremity doses were below regulatory limits.

On August 17, 2017, the Radiation Safety Officer notified the NRC Operations Center (recorded as a log book entry) about a mis-administration of a diagnostic dose of Tc-99m. One of the inspectors reviewed the incident and did not identified any violations concerning this matter.

No violations of NRC requirements were identified as a result of this inspection.

**From:** [Nieves Folch, Luis](#)  
**To:** [Susan Long](#)  
**Subject:** NRC clear report 591  
**Date:** Thursday, January 6, 2022 2:35:00 PM  
**Attachments:** [Harrison County Community Hospital 591M - Cender SignedMK \(002\).pdf](#)

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Dear Mrs. Long

Attach is the clear 591 report for the inspection conducted on December 14, 2021. 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  
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Fax: (630) 515-1259