



**From:** [Nieves Folch, Luis](mailto:Nieves.Folch.Luis)  
**To:** [amanfredo@mpcphysics.com](mailto:amanfredo@mpcphysics.com)  
**Subject:** Hannibal Clinic Operations, LLC NRC clear 591  
**Date:** Monday, April 11, 2022 9:30:00 AM  
**Attachments:** [Hannibal Clinic 591 signmk.pdf](#)

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Dear Mrs. Manfredo

Attach is the clear 591 report for the inspection conducted on March 24, 2022. 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  
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### Materials Inspection Record

1. Licensee Name: Hannibal Clinic Operations, LLC		2. Docket Number(s): 030-37200		3. License Number(s) 24-32619-01	
4. Report Number(s): 2022001			5. Date(s) of Inspection: March 24, 2022		
6. Inspector(s): Luis Nieves		7. Program Code(s): 02201	8. Priority: 5	9. Inspection Guidance Used: 37130	
10. Licensee Contact Name(s): Anna Manfredo, B.S., Radiation Safety Officer		11. Licensee E-mail Address: amanfredo@mpcphysics.com		12. Licensee Telephone Number(s): 573-221-5250	
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		March 24, 2027 <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. The nuclear medicine department was staffed with two full-time nuclear medicine technologists (NMTs) who performed approximately 4 diagnostic nuclear medicine procedures daily from Mondays to Fridays. The licensee conducted a variety of diagnostic procedures using unit doses of Tc-99m. The licensee retains a consultant health physicist to perform annual audits of the radiation safety program.

PERFORMANCE OBSERVATIONS

The inspector conducted a tour of the nuclear medicine department and discussed with the NMT package receipt, surveys, and instrument quality control checks. The NMT demonstrated adequate knowledge of radiation safety principle and practices through interviews. The inspector reviewed audit reports, instruments calibration, inventory, surveys, wipes, leak test, 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.