



Materials Inspection Record

1. Licensee Name: Poplar Bluff Regional Medical Center		2. Docket Number(s): 030-11417		3. License Number(s) 24-16652-01	
4. Report Number(s): 2022001			5. Date(s) of Inspection: May 17, 2022		
6. Inspector(s): Jason Draper		7. Program Code(s): 02120	8. Priority: 3	9. Inspection Guidance Used: IP 87130	
10. Licensee Contact Name(s): Jay Patterson, Director of Imaging Services		11. Licensee E-mail Address: jay.patterson@pbrmc.com		12. Licensee Telephone Number(s): 573-776-9324	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		14. Locations Inspected: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 05/17/2025 <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 regional medical center with locations in Poplar Bluff, MO, authorized to use byproduct material permitted by 10 CFR 35.100, 35.200, 35.300, and 31.11 (prepackaged kits for in-vitro studies), as well as possession of Cs-137 sealed sources (seeds) incident to disposal. The licensee had not used byproduct material at its North Westwood Boulevard location in several years and only stored the Cs-137 seeds there until they were disposed of via a licensed waste broker in April 2021. At the licensee's 3100 Oak Grove Rd location, two nuclear medicine technologists (NMTs) performed diagnostic procedures on approximately 40 patients per week using primarily Tc-99m. The licensee had not performed any procedures requiring a written directive since gaining authorization on their license in May 2021. At the licensee's cardiology clinic at 3098 Oak Grove Rd, one NMT performed approximately 5 cardiac stress tests per day, Monday through Thursday.

During the inspection of the licensee's Oak Grove Rd locations, the inspector toured the facilities to ensure materials were being stored and secured appropriately and took independent radiation surveys to verify areas were appropriately posted. The inspector observed the preparation and administration of two diagnostic dosages of Tc-99m to observe the licensees handling and use of radioactive material. The NMTs demonstrated licensee procedures including receipt of packages, instrument calibrations and checks, and waste handling. The inspector also interviewed the NMTs with regard to surveys and emergency procedures. The inspector reviewed a selection of licensee records including dosimetry records, waste transfer and disposal records, and periodic radiation safety program reviews.

Because the licensee no longer stored material or performed licensed activities at the North Westwood Boulevard location, this location was not inspected at this time. The licensee was planning on removing this location from their license.

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