



Materials Inspection Record

1. Licensee Name: Army - Fort Leonard Wood		2. Docket Number(s): 030-35257		3. License Number(s) 24-32221-01	
4. Report Number(s): 2023001			5. Date(s) of Inspection: March 1, 2023, with in-office review through August 2, 2023		
6. Inspector(s): Jason Draper		7. Program Code(s): 03610	8. Priority: 3	9. Inspection Guidance Used: IP 87126	
10. Licensee Contact Name(s): Michael Gray, RSO		11. Licensee E-mail Address: michael.s.gray.civ@mail.mil		12. Licensee Telephone Number(s): 573-563-6224	
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 type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 03/01/2026 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: Main Office - 14030 MSCoE Loop					
17. Scope and Observations: <p>This was an inspection of an Army training facility that possessed a Type A broad scope license that authorized it to use byproduct materials with atomic number 3-83, in any form, up to 100 millicuries per radionuclide and 3 curies total, for research and development and for student instruction. The licensee was also authorized to use a variety of sealed and plated sources for instrument calibration and radiation detection testing, and four Troxler 3400 Series portable nuclear gauges for student instruction. The licensee was staffed with a civilian RSO, and two health physicist Noncommissioned Officers (NCOs). The licensee had a radiation safety committee (RSC) that met semi-annually and reviewed and approved users, uses, and facilities. At the time of the inspection, the licensee no longer used unsealed material and primarily used sealed and plated sources for student instruction in radiation safety practices and principles. The licensee had an inventory of approximately 70 specifically licensed sources (as well as approximately 100 exempt sources). The licensee primarily used and stored materials at its Chemical, Biological, Radiological and Nuclear (CBRN) School Radiological Laboratories and infrequently at the Sensitive Site Exploitation (SSE) Training Facility and the CBRN Responder Training Facility.</p> <p>During the inspection, the inspector toured the licensee's radiological laboratories facility (there were no materials stored or being used at the other two facilities) to assess the security of the materials and performed independent surveys to verify postings were appropriate. The inspector interviewed the RSO, an NCO, and an instructor, and found the individuals to be highly knowledgeable of radiation practices and the licensee's procedures. The inspector observed the licensee demonstrate procedures for sealed source inventories and leak tests of various sealed sources. The inspector also verified that survey instrumentation was calibrated appropriately.</p> <p>The inspector reviewed a selection of records including inventories, leak tests, area surveys, dosimetry, RSC minutes, and periodic program reviews and did not identify any issues of more than minor significance.</p> <p>Two security-related violations were identified and are described on the non-public portion of the inspection record.</p>					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief



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