



Materials Inspection Record

1. Licensee Name: Acuren Inspection, Inc.		2. Docket Number(s): 030-38913		3. License Number(s) 21-27593-01	
4. Report Number(s): 2021-001			5. Date(s) of Inspection: July 7, 2021		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 04312	8. Priority: 1	9. Inspection Guidance Used: IP 87121	
10. Licensee Contact Name(s): Bruce Karie, CRSO Don Flett, FRSO		11. Licensee E-mail Address: bkarie@acuren.com dflett@acuren.com		12. Licensee Telephone Number(s): 218-336-4668 248-651-0770	
13. Inspection Type: <input type="checkbox"/> Routine <input type="checkbox"/> Announced <input checked="" type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input 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): TBD <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input checked="" type="checkbox"/> No change	

16. Scope and Observations:

This was an unannounced field inspection of a multinational non-destructive testing company authorized for industrial radiography and portable gauge use at numerous field offices and at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee had four radiographers and four assistants stationed at its field office in Rochester, Michigan. The crews primarily performed radiographic operations inside a shielded vault at the field office which it treated as a temporary job site. The crews here occasionally performed call-out work as well. The Facility RSO also oversaw radiographic operations at the licensee's Hemlock, Michigan field office, and at a field office in Toledo, Ohio. Previously, the Facility RSO also oversaw operations at the licensee's Midland, Michigan field office; however the licensee no longer performs licensed activities or stores material there. The licensee also transferred all tower scanning sources previously stored in Rochester to an authorized recipient in March 2020.

The inspector toured the facility in Rochester, interviewed the Facility RSO and radiography personnel, and observed the preparation and shipment of an outgoing package containing licensed material and demonstrations of radiographic operations in the facility's vault. All areas were adequately posted, and all material was adequately secured. Readings from independent surveys in unrestricted areas around the vault during operations were well below limits to members of the public. The inspector examined radiographic equipment present at the facility. All equipment appeared to be in good condition, all cameras were adequately labeled, and all survey meters and dosimetry equipment were calibrated at the required intervals. The licensee also maintained an adequate selection of equipment in the event of a source retrieval (the Facility RSO was trained and authorized in these operations). Readings from confirmatory surveys in the vicinity of the cameras were as expected for the sources they contained, and moreover demonstrated adequate response and accuracy of the licensee's survey equipment. The licensee's staff were knowledgeable of radiation protection principles, regulatory requirements and licensee procedures, including source retrieval operations. The staff also implemented adequate ALARA practices, survey techniques, and restricted area boundaries during the aforementioned demonstrations.

The inspector reviewed a selection of records related to the radiation safety program as implemented in Rochester, including utilization logs, quarterly equipment checks, sealed source and DU leak test results, transfer records for all tower scanning sources, radiographer audits, initial training records for a new assistant, refresher training records for all radiography staff, personnel dosimetry reports (503 mrem DDE max in 2019, 305 mrem DDE max in 2020, and 208 mrem DDE max in 2021 through May 31), and the most recent internal audit of the facility, with no findings of significance noted.

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