



### Materials Inspection Record

1. Licensee Name: Golder Associates, Inc.		2. Docket Number(s): 030-31907		3. License Number(s) 29-28576-01	
4. Report Number(s): 2021-001			5. Date(s) of Inspection: November 12 and 23, 2021		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 03121	8. Priority: 5	9. Inspection Guidance Used: IP 87124	
10. Licensee Contact Name(s): Kevin Dunsmore - RSO		11. Licensee E-mail Address: kevin_dunsmore@golder.com		12. Licensee Telephone Number(s): 856-793-2005 x34328	
13. Inspection Type:		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		11/12/2026 <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 an consulting, design and construction services firm authorized to store gauges at offices in Lansing and Holland, Michigan, and to use them for measuring the physical properties of construction materials at temporary job sites in NRC jurisdiction. The licensee possessed gauges at both locations and temporarily at an office in Bay City, Michigan for use on a nearby job site. Eight individuals in Lansing (including the site RSO) and one individual in Holland (the site RSO) used gauges regularly during the construction season, primarily for landfill projects. The licensee's listed RSO was based in Mount Laurel, New Jersey.

The inspector visited the offices in Lansing and Holland. All areas were adequately posted, and all licensed material was adequately secured behind at least two barriers. All gauges and their transport cases were adequately labeled and in good condition. The inspector performed independent and confirmatory surveys in the vicinity of where the gauges were stored; no readings exceeded regulatory limits to members of the public. The inspector also performed independent surveys in the vicinity of each gauge; all readings were consistent with radiation profiles in the applicable SSDR safety evaluations, adjusted for decay. The inspector reviewed the licensee's measures for material accountability and physical inventories, preparedness for response to emergencies involving licensed material, and oversight of the radiation safety program with both site RSOs. The inspector also reviewed a selection of records, including utilization logs, sealed source leak test results, physical inventories, gauge user training records, and annual audits.

No licensed activities were available to observe at the time of the inspection. Instead, the inspector reviewed measures and methods for the transport and use of gauges in the field with staff at both locations. The inspector also confirmed that the licensee maintained shipping papers and emergency response information for all gauges, and that staff carried these as required while hazardous material was onboard their vehicle.

Following the on-site portion of the inspection, the inspector met via video teleconference with the gauge user in Bay City, who provided a tour of the office there. The temporary storage area was adequately posted, licensed material was adequately secured, and the gauge and its transport case were adequately labeled and in good condition. The inspector also reviewed with the gauge user his methods for safe use and transport of the device.

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