



Materials Inspection Record

1. Licensee Name: Current Lighting Solutions, LLC		2. Docket Number(s): 030-39237 (files under 030-39210)		3. License Number(s) 34-35602-01E	
4. Report Number(s): 2021-001			5. Date(s) of Inspection: October 22, 2021		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 03251	8. Priority: 5	9. Inspection Guidance Used: IP 87128	
10. Licensee Contact Name(s): Charles Knittel GM, Quality & EHS		11. Licensee E-mail Address: charles.knittel@gecurrent.com		12. Licensee Telephone Number(s): 216-462-4567	
13. Inspection Type: <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input checked="" type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 10/22/2026 <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 initial inspection, conducted remotely, of a lighting products manufacturer authorized by an NRC Materials License issued on October 29, 2020 to distribute metal halide lamps containing exempt quantities of thorium and/or Kr-85 from facilities in Ohio, North Carolina, and Georgia. This license was issued following a spin-off of the commercial products division of GE Lighting from its consumer products division, which retained the original exempt distribution license (030-37042, now Savant Technologies, LLC). At the time of the inspection, the licensee distributed lamps containing thorium and/or Kr-85 only from the facility in Georgia. The licensee had recently submitted a request to remove the Ohio and North Carolina locations, and to add one in Pennsylvania.

Using a video teleconference platform, the inspector met with licensee staff in Ohio and in Georgia to discuss the products distributed under the license and material contained therein (maximum 48 micrograms of thorium and/or 0.154 microcuries of Kr-85). The inspector reviewed elements of the licensee's quality control processes for arc tube fill pressure and pill size which provided reasonable assurance that no products contained more than an exempt quantity of material. The inspector also reviewed a selection of labels for products distributed under this license, and reviewed the licensee's process and tracking mechanisms for periodic transfer reports. The inspector previously confirmed that the licensee had filed these reports as required since issuance of the license.

Following this review, the staff in Georgia provided the inspector with a tour of the distribution facility there. The inspector confirmed that the licensee had designated waste containers for products containing thorium and/or Kr-85 found to be damaged or defective; these were then transferred to an authorized waste recipient when full. The inspector also confirmed that a selection of products to be distributed under this license were adequately labeled with markings for thorium and Kr-85, and that boxes containing these products were adequately labeled as UN 2911 shipments.

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