





### Materials Inspection Record

1. Licensee Name: Richardson Electronics, Ltd.		2. Docket Number(s): 040-38372		3. License Number(s) 12-35163-01E	
4. Report Number(s): 2021001			5. Date(s) of Inspection: May 27, 2021, with in-office review through July 15, 2021		
6. Inspector(s): Jason Draper		7. Program Code(s): 11240	8. Priority: 5	9. Inspection Guidance Used: IP 87128	
10. Licensee Contact Name(s): Narciso Castaneda, Facilities Manager		11. Licensee E-mail Address: ncastaneda@rell.com		12. Licensee Telephone Number(s): 630-208-2276	
13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced		<input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office		05/27/2026 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended	
<input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		<input type="checkbox"/> Reduced <input type="checkbox"/> No change	

**16. Scope and Observations:**

This was an announced, routine inspection of a electronics manufacturer, authorized by the NRC to distribute vacuum tubes containing thorium as products exempt from NRC regulations from their facility located in LaFox, Illinois. The licensee manufactured two models of these vacuum tubes on-site, and distributed them to one domestic customer. At the time of the inspection, the licensee possessed four finished vacuum tubes (Model 577W). The licensee had last manufactured these vacuum tubes in March 2017 and had last distributed them in October 2019.

Due to the Covid-19 public health emergency, the inspector contacted the licensee prior to the inspection to ensure an on-site inspection could be performed safely. During the inspection, the inspector was able to review a sample of the manufactured products to verify proper labeling. The inspector also interviewed a selection of licensee staff regarding the manufacture, handling, and distribution of the products.

Through the review of licensee records and interviews with the Facilities Manager, the inspector identified that the licensee had not submitted annual transfer reports for calendar years 2017-2020 as required by 10 CFR 40.53(c). In discussions with the Facilities Manager, the inspector determined that this was because the previous Facilities Manager who was responsible for the licensed activities left the company in 2017 and the regulatory responsibilities were not clearly communicated to the oncoming Facilities Manager. The licensee gathered the required information for these reports and submitted the past-due reports to the NRC on June 9, 2021. He also created an electronic reminder to ensure that future reports are submitted in a timely manner.

Additionally, through the course of the inspection, the inspector identified that the licensee did not possess a specific license from the State of Illinois for possession and use of source material, but the quantity of material possessed by the licensee appeared to exceed the quantity allowed under a general license with the State of Illinois. The inspector forwarded this information to the State of Illinois for their review.

One violation of NRC requirements was identified as a result of this inspection.