



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

September 9, 2014

Mark Gorecki
Richardson Electronics, Ltd
P.O. Box 393
LaFox, IL 60147

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

Dear Mr. Gorecki:

This letter refers to your application dated July 29, 2014, Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML14219A024, for a new Nuclear Regulatory Commission (NRC) Exempt-Distribution Materials License. In reviewing your application, we find additional information is required to complete our review. In order to continue our review, please address the issues listed below. This information is required by 10 CFR 40.52, "Certain items containing source material; requirements for license to apply or initially transfer."

1. 10 CFR 40.52(b)(3) requires for products with applicable quantity or concentration limits, quality control procedures to be followed in the fabrication of production lots of the product and the quality control standards the product will be required to meet. Please provide the quality control procedures and the quality control standards.
2. Please provide the method of labeling or marking each unit, and/or its container with the identification of the manufacturer or initial transferor of the product and the source material in the product as required by 10 CFR 40.52(b)(4)
3. In your application under Question 5 you stated that each vacuum electron tube contains a tungsten filament wire coated with Thorium-232. 10 CFR 40.13(c)(4) requires that any finished product containing tungsten the thorium content of the alloy shall not exceed 4 percent by weight. Please provide information of the quantity of thorium in each tungsten filament in percent by weight.
4. In your application you stated that you will be distributing two vacuum electron tubes, models 6303 and 577W. The specification sheets you provided of these two models are from National Electronics and Cetron Electronic Corporation. Please describe the relationship of Richardson Electronics, Ltd. with National Electronics, and Cetron Electronic Corporation.

Any correspondence regarding your application should reference the control number specified below. Please submit the requested information within 30 days of the date of this letter. If we have not received complete information within 30 days of the date of this letter, we will consider your application as having been abandoned by you. This is without prejudice to the submission of a complete application.

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in NRC's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If you have any questions, please contact me at (301) 415-6004 or electronic mail: Hector.Rodriguez-Luccioni@nrc.gov

Sincerely,
/RA/

Hector Rodriguez-Luccioni, Ph.D.
Licensing Branch
Division of Materials Safety and
State Agreements
Office of Federal and State Materials and
Environmental Management Programs

Docket No. 040-38372
Mail Control No. 584518

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If you have any questions, please contact me at (301) 415-6004 or electronic mail: Hector.Rodriguez-Luccioni@nrc.gov

Sincerely,
/RA/

Hector Rodriguez-Luccioni, Ph.D.
Licensing Branch
Division of Materials Safety and
State Agreements
Office of Federal and State Materials and
Environmental Management Programs

Docket No. 040-38372
Mail Control No. 584518

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Accession No. Pkg: ML14219A021

Accession No. Doc: ML14246A104

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NAME	H.Rodriguez-Luccioni	S. Xu	M.Kotzalas	H.Rodriguez-Luccioni
DATE	9/ 3 /2014	9/ 4 /2014	9/ 8 /2014	9/9/2014

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