UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

JAN 3 1 2020

Cynthia Myers, CIH
Radiation Safety Officer
DDP Specialty Electronic Materials US, Inc.
3400 S Saginaw Rd., Unit 96
Midland, MI 48640

Dear Ms. Myers:

Enclosed is a corrected copy to your NRC Material License No. 21-35537-01 in accordance with your July 15, 2019 clarification to descriptions for the locations of use listed on your license. This letter may be found in the U.S. NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. ML19308B453. ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html.

Please note that, also in this Corrected Copy, we have revised Item No. 9.C. to include the Model SHD-30 device as described in your October 29, 2019 letter (ADAMS Accession No. ML19308B532). Please note that the alterations to the device discussed in the letter are under review under NRC Mail Control No. 617225; this amendment does not reflect an exemption from any existing requirements. Additional information may be needed if an exemption from existing regulations or an approval of special safety considerations is needed.

Finally, regarding the enclosed Corrected Copy, please note that we have deleted Condition No. 21, as listed in the previous amendment to your license.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we may provide appropriate corrections and answers.

This letter is also in reference to your December 17, 2019 letter (ADAMS Accession No. ML19351C962) requesting to receive and store ion exchange resin materials. Please note that additional information is needed to complete our review of this request:

1. Regarding authorized materials listed in Items A through F on page 2 of your request, please provide a typical and maximum quantity per shipment, for Atomic No. 1 – 83, Atomic No. 84-91, and each specific radionuclide listed. If applicable, please provide a maximum concentration level, per shipment. Please also provide a purpose of use such as "for research and development pursuant to 10 CFR 30.4, 40.4, or 70.4" or "for possession incident to disposal," or "for testing of ion exchange resin materials for contaminants," etc.

2. Regarding the polonium-210 listed in Item G of your request, please provide the manufacturer and model number of the plated, sealed, and foil sources to be received. Please also provide the maximum activity per source and the purpose of use. Please also confirm that the labels of any generally-licensed devices to be received will be updated to reflect the requirements of this specific license. Finally, please provide a purpose of use.

**The enclosed document contains sensitive security-related information.
When separated from this cover letter this letter is uncontrolled.**

3. Please note that this license currently is only subject to fees under Category 3.P. Based on your response, one or more additional fee categories may apply. Please refer to Title 10 of the *Code of Federal Regulations* Section 170.31 to determine applicable additional fees.

4. Regarding individuals to be listed as Responsible Individuals authorized for use of the items listed in Items A through G of your request, please provide the name of each person, together with training and experience sufficient to demonstrate that the individual is qualified to handle and oversee the handling of the materials listed. Typically, such experience should include: (A) four-year (or higher) college-completion date, institution, and science or engineering-related major associated with the degree; (B) dates and locations of hands-on use of radioactive material similar to the radionuclides and uses requested; and (C) training in the radiation safety topics – radiation protection principles, characteristics of ionizing radiation, units of radiation dose and quantities, radiation detection instrumentation, and the biological hazards of exposure to radiation (appropriate to the types and forms of byproduct material to be used).

5. Please provide the dates and locations of the Radiation Safety Officer's (RSO's) hands-on experience using radioactive material similar to the radionuclides requested.

6. Please confirm that a listed Responsible Individual will supervise the possession and use of materials listed in Items A through G of your request.

7. Submit a description of the radiation safety training program, including topics covered, groups of workers, assessment of training, qualifications of instructors, and the method and frequency of training. For a sample training program, please refer to NUREG 1556, Vol. 7, rev. 1, "Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope, Including Electron Capture Devices and X-Ray Fluorescence Analyzers," Appendix F, "Radiation Safety Training Topics."

8. Please provide the address and building numbers where Items A through G will be received, used, and stored.

9. Please describe the areas where the material will be received, used, measured, stored, or disposed, including, as applicable, room numbers and a diagram of each area. If multiple areas may be used, you may provide a representative diagram that shows safety features – such as shielding or containment, and security – such as locked doors, and waste pathways – such as drains, ventilation, and dry storage. Please note that diagrams should be drawn to scale or otherwise show dimensions.

10. Regarding your Radiation Safety Program, if not provided in previous submissions related to activities currently authorized on your license, please provide confirmations of statements – or alternative responses – as outlined in NUREG 1556, Vol. 7, rev. 1, Appendix B, "Suggested Format for Providing Information Requested in Items 5 Through 11 of U.S. Nuclear Regulatory Commission Form 313," pp. B-4 through B-6.

11. Regarding Waste Management, please confirm the statement, *"We will use the model waste procedures published in Appendix P in NUREG–1556, Volume 7, Revision 1, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope."* – as listed in NUREG 1556, Vol. 7, rev. 1, Appendix B, p. B-7.

Please provide additional information – in support of your December 17, 2019 request – on or before February 14, 2020. Please provide the requested information within 14 days of this message (on or before February 14, 2020). Include a signed and dated cover letter transmitting your resubmitted application. Submission of your response as a pdf file attached to an email – to sara.forster@nrc.gov – or via facsimile 630-515-1078 – to will allow for the quickest processing. Please call me at 630-829-9892 – or email me with any questions you may have, or if you are unable to respond by the date suggested above. Please also contact me as soon as possible to let me know that you have received this message and are working on a response.

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability. The RIS may be located on the NRC Web site at:
http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf and the link for frequently asked questions regarding protection of security related sensitive information may be located at: http://www.nrc.gov/reading-rm/sensitive-info/faq.html.

A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's ADAMS.

Sincerely,

Sara A. Forster

Sara A. Forster, M.S.
Health Physicist
Materials Licensing Branch

License No. 21-35537-01
Docket No. 030-39163

Enclosures: Corrected Copy to New License