



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BLVD.
KING OF PRUSSIA, PA 19406-2713**

July 28, 2021

Nicole Newell, Plant Manager
The Chemours Company
8480 DuPont Road
Washington, WV 26181

**SUBJECT: THE CHEMOURS COMPANY, REQUEST FOR ADDITIONAL INFORMATION,
MAIL CONTROL NO. 627325**

Dear Ms. Newell:

This is in reference to your letter dated June 2, 2021, requesting to amend NRC License No. 47-35235-01. In order to continue our review, we need the additional information requested below. Please be aware that guidance concerning programs utilizing electron capture detectors (ECD), such as those used in gas chromatographs or chemical agent detection or monitoring instruments, may be found in Appendix C of NUREG-1556, Volume 7, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope, Including Electron Capture Devices and X-Ray Fluorescence Analyzers". The document may be found at <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v7/index.html>.

1. For awareness only, no response needed - Your license authorizes two models of gas chromatography devices; each model may be possessed under a general license. In accordance with the letters dated June 3, 2015, (ML15189A123) and June 22, 2015, (ML15203A061) your organization requested that these devices be specifically licensed. As such, they have been specifically licensed since the initial issuance of your license issued June 26, 2015 (ML15205A107).
2. As stated in NUREG-1556, Volume 7, Revision 1, if the applicant does not propose ECD repair or maintenance, then no specific training and experience in using and handling radioactive materials is necessary for individuals who will use the device(s) or supervise their use. No special training or experience is needed to perform leak tests using a leak test kit or to clean detector cells used in ECD devices, provided the source or foil is not removed from the detector cell.

As such, please provide either of the following:

- a. Provide proof of training for the proposed RSO for ECD repair or maintenance and conduct of ECD leak tests; OR
- b. Confirm both of the following:
 - i. No ECD repair or maintenance by the licensee is proposed or requested;
AND
 - ii. The source or foil is not removed from the detector cell, thus no special

training or experience is needed to perform leak tests using a leak test kit or to clean detector cells used in ECD devices.

We will continue our review upon receipt of this information. Please reply to my attention at Jonathan.Pfingsten@nrc.gov.

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter.

An electronic version of the NRC's regulations is available on the NRC Web Site at: www.nrc.gov. Additional information regarding use of radioactive materials may be obtained on the NRC Web Site at: <http://www.nrc.gov/materials/miau/mat-toolkits.html>. This site also provides the link to the toolbox for updated information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at: <http://www.nrc.gov/reading-rm/adams.html>. Please be aware that you may request that certain portions of your submittal to NRC be withheld from public disclosure as proprietary information. To do this, you must execute an affidavit as specified in 10 CFR 2.390. You must list all portions that you wish to be held proprietary, along with your reasoning as to why that is appropriate. While it is allowable, please refrain from submitting proprietary information in support of a license unless necessary. Keep in mind that all NRC licenses are considered to be in the public domain, and therefore may be viewed by any member of the public who requests to see them.

If you have any questions regarding this request for additional information, please contact me at 610-337-5170 or via electronic mail at Jonathan.Pfingsten@nrc.gov.

Thank you for your cooperation.

Sincerely,

Jonathan B. Pfingsten
Digitally signed by Jonathan B. Pfingsten
Date: 2021.07.28 06:50:47 -04'00'
Jonathan Pfingsten, Health Physicist
Commercial, Industrial, R&D
and Academic Branch
Division of Radiological Safety and Security
Region I

License No. 47-35235-01
Docket No. 030-38831
Mail Control No. 627325

cc: Beth Burch, EHS Senior Technician II

THE CHEMOURS COMPANY, REQUEST FOR ADDITIONAL INFORMATION, MAIL CONTROL NO. 627325 DATED JULY 28, 2021

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SUNSI Review Complete: Jonathan Pfungsten

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