

(03-2014)  
10 CFR 30, 32, 33, 34  
35, 36, 37, 39, and 40



# APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [Infocollections.Resource@nrc.gov](mailto:Infocollections.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW. \*AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.**

**APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:**

OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS  
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

*Dr. 2  
38831*

**ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:**

**IF YOU ARE LOCATED IN:**

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,

**SEND APPLICATIONS TO:**

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

**IF YOU ARE LOCATED IN:**

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,  
**SEND APPLICATIONS TO:**

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING,

**SEND APPLICATIONS TO:**

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

**PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.**

**1. THIS IS AN APPLICATION FOR (Check appropriate item)**

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER

47-35235-01 *dmf*

C. RENEWAL OF LICENSE NUMBER

**2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)**

The Chemours Company  
8480 DuPont Road  
Washington, Wv 26181

**3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED**

The Chemours Company  
8480 DuPont Road  
Washington, West Virginia 26181

**4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION**

Walter Brian Lucas

BUSINESS TELEPHONE NUMBER  
(304) 863-4408

BUSINESS CELLULAR TELEPHONE NUMBER  
N/A

BUSINESS EMAIL ADDRESS  
walter.b.lucas@chemours.com

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

**5. RADIOACTIVE MATERIAL**

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

**6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.**

**7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.**

**8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.**

**9. FACILITIES AND EQUIPMENT.**

**10. RADIATION SAFETY PROGRAM.**

**11. WASTE MANAGEMENT.**

**12. LICENSE FEES (Fees required only for new applications, with few exceptions\*) (See 10 CFR 170 and Section 170.31)**

FEE CATEGORY  AMOUNT ENCLOSED \$

**13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.**

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

**CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE**

Robert J. Fehrenbacher  
Plant Manager

**SIGNATURE**

*Robert J. Fehrenbacher*

**DATE**

Sep. 29, 2015

**FOR NRC USE ONLY**

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
APPROVED BY			\$	DATE	
					589157

To: Dennis Lawyer  
Licensing Assistance Team  
Division of Nuclear Materials Safety  
U. S. Nuclear Regulatory Commission, Region I  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713

Phone: 1-800-432-1156  
FAX: 610-337-5269  
Attn: NRC License Amendment #1

Licensee: The Chemours Company  
8480 DuPont Road  
Washington, WV 26181

Subject: Application for change on current license No. 47-35235-011, docket No. 030-38831. *dmj*

Pending your approval, please make the following change to our NRC license. Add one licensee for which I have attached the radiation safety training certificate and remove the licensee S.A. Middleton.

Please correct the License Number on pages 2-6 to 47-35235-011. *dmj*

License item change:

11. Licensed material shall be used by, or under the supervision of, Brent Kincaid, **John Davidson**, or Water Brian Lucas.
17. Installation, initial radiation surveys, relocation, or removal from service shall be Performed only by, Brent Kincaid, John Davidson, or Walter Brian Lucas or by Persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.

Attachment #1 Copy of training for John Davidson.  
Attachment #2 Copy of training and experience for non-routine maintenance  
Attachment #3 Copy of training and experience using portable gauges.

Approved by Robert Fehrenbacher, Chemours Plant Manager *Robert Fehrenbacher*

Sincerely, *Walter B. Lucas*

Walter Brian Lucas-RSO  
The Chemours Company  
8480 DuPont Road  
Washington, WV 26181  
Phone: (304) 863-4408  
E-Mail: walter.b.lucas@chemours.com *589157*

# Certificate of Completion

**John Davidson**

Chemours Washington, WV

has successfully completed

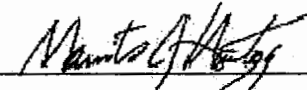
**Radiation Safety Officer Training**

conducted by VEGA Americas, Inc.

July 27-31, 2015

Subject matter covered based on NUREG 1556:

Duties of the RSO  
Basic atomic theory  
Measurement and monitoring techniques  
Exposure calculations  
Biological effects of radiation  
Rules and regulations  
Leak test, shutter check  
Installation, relocation, and removal procedures  
Non-routine maintenance lab  
    Removing/reinstalling a source holder  
Hands on lab work  
Proper disposal practices  
Emergency procedures  
DOT radioactive shipping and receipt



Maurits Hartog  
Radiation Safety Officer



Kim Fultz  
Manager of Learning Strategy

Level

Switching

Pressure

Density

Weight

Interface

**The Chemours Company**  
**8480 DuPont Road**  
**Washington, WV 26181**  
**USA**

September 29, 2015

Subject: Non-routine Certification

To whom it may concern:,

This is to certify that John Davidson is authorized to perform Non-routine work and has met the training requirements of The Chemours Company, NRC license number 47-35235-011, <sup>dmj</sup> items 11 and 17A.

Installation, Initial radiation surveys, relocation, or removal from service of devices contain sealed sources Item 17. A.	40 Hours hand on
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If you have any questions, please contact me.

Sincerely,

**Walter B Lucas**, Radiation Safety Officer *walter B Lucas*

The Chemours Company  
8480 DuPont Road  
Washington, WV 26181  
(304) 863-4408

## John Davidson Portable Gauge Training

<b><i>Radiation Theory</i></b>	What radiation is and how we detect it. Types of radiation. Sources of radiation.
<b><i>Radiation Safety</i></b>	How to minimize danger. Biological effects of radiation.
<b><i>Regulatory requirements</i></b>	Responsibility of portable gauge licensees. Transportation requirements from 49-CFR Leak Testing Record Keeping Storage Requirements Disposal Requirements
<b><i>Gauge Theory</i></b>	How the moisture gauge detects and processes information.
<b><i>Gauge Operation</i></b>	What the buttons and readout really mean.
<b><i>Practical Use</i></b>	Some practical issues for operators, e.g. insulation testing.
<b><i>Practical demonstration</i></b>	How to maintain gauge mechanicals.
<b><i>Review Operating Directions</i></b>	Operating Manual MCM-2 Hydro detector
<b><i>Field Use</i></b>	Review of Chemours Safety Procedures for MCM-2 for field use.
<b><i>Non-Routine Maintenance</i></b>	Keeping your gauge in top working order. Monitoring the condition of gauges and return to factor for Repair.
<b><i>Calibration</i></b>	Review calibration procedures
<b><i>General Discussion</i></b>	Review of NUREG 1556 vol 1 Using MCM-2 and related equipment.
<b>Trainer</b>	Signature <u>Brian Lucas - RSO</u>

This is to acknowledge the receipt of your letter (application) dated

09/29/2015, and to inform you that the initial processing which includes an administrative review has been performed.

47-35235-01 (Amendment)  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 589157  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.