



The Chemours Company, TT 302-761-2219 o
Titanium Technologies chemours.com
Edge Moor Plant
104 Hay Road
Wilmington, DE 19809

February 22, 2017

Dennis Lawyer
U.S. Nuclear Regulatory Commission (NRC) Region 1
2100 Renaissance Blvd., Suite 100
King of Prussia, PA 19406-2713

Br. 2
03038889

Subject: Termination of NRC license number 07-35285-01 for the Chemours Edge Moor facility.

The Chemours Company F.C., L.L.C.
104 Hay Road
Wilmington, Delaware 19809

Dear Mr. Lawyer:

This letter is to inform the NRC that we have shut down our production facility and would like to terminate our NRC License. Attached are the required documents as required by NRC FORM 314. All installed and stored sources have been removed from our facility. During the leak testing of our sources before shipment we had a Ni-63 with a reading $> .0005\text{uCi}$. This was discussed with the NRC and a Report issued.

Best Regards,

Michelle Witulski
Site Manager
Chemours Edge Moor

593091
NMSS/RGN1 MATERIALS-002

REC'D IN LAT *2-22-17*

via e-mail D. Lawyer

(02-2014)
10 CFR 30.36(j)(1);
40.42(j)(1); 70.38(j)(1);
and 72.54(k)(5)(1)(1)



**CERTIFICATE OF DISPOSITION
OF MATERIALS**

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. 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 Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0028), 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.

LICENSEE NAME AND ADDRESS

The Chemours Company F.C., L.L.C.
104 Hay Road
Wilmington Delaware 19809

LICENSE NUMBER

07-35285-01

DOCKET NUMBER

030-38889
Ref07-00455-29/030-03861

LICENSE EXPIRATION DATE

June 30, 2025

A. LICENSE STATUS (Check the appropriate box)

- This license has expired. This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

1. No radioactive materials have ever been procured or possessed by the licensee under this license.
 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:
 a. Transfer of radioactive materials to the licensee listed below:

QSA Global and Alaron Nuclear Services

- b. Disposal of radioactive materials:

1. Directly by the licensee:

2. By licensed disposal site:

3. By waste contractor:

We contracted Vegas Americas to package and ship Qty. 55 Cs-137 sealed sources to QSA Global. The remainder of our sources Qty. (7) Ni-63, (1) Am241 and (1) Gd153 we contracted to Chase Enviromental to Alaron Nuclear Services

- c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

1. A radiation survey was conducted by the licensee. The survey confirms:
 a. the absence of licensed radioactive materials
 b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.

2. A copy of the radiation survey results:

a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: 02/22/2017

Date

3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

a. The results of the latest leak test are attached; and/or b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Gary C Brown	Radiation Safety Officer	302-528-5910	Gary.C.Brown-2@Chemours.com

Mail all future correspondence regarding this license to:

Richard.L.Chalfant-1@Chemours.com Mail: EHS Dept. 3076-2 PO Box 2047 1007 19801Market Street Wilmington Delaware phone: 1-302-773-2609

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Michelle Witulski Site Manager	<i>Michelle Witulski</i>	02/22/2017

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 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.

Leak Test Report

B-4 SHIPPING

4241 Allendorf Drive
Cincinnati, OH 45209
Phone (513) 272-0131 Fax (513) 272-0133

Customer ID: 1059

Email: Gary.C.Brown-2@chemours.com

Customer Information: Gary Brown
Chemours - Edge Moor Plant
104 Hay Road
Wilmington, DE 19809

Analyzed By:	Mark Madden
Equipment No.	NS-0095
Calibration Due:	09/12/2016
Analysis Date:	05/20/2016
Sources Analyzed:	8

Ohio Administrative Code (OAC) - 3701:1-38-24

(E) A sealed source shall be considered to be leaking if the presence of one hundred eighty-five becquerels (0.005 microcurie) or more of removable contamination on any test sample is identified.

Serial #	Isotope	mCi	Source Holder	Customer Tag #	Test Result	Test Date	Test Interval	Next Test Date
1215AN / 3194	Ni-63	10	PMS	CI2 Analyzer	> 0.005µCi	05/08/2016		
092	Gd-153	1000	HM-8	Storage	< 0.005µCi	05/08/2016	6 Months	11/08/2016
138	Ni-63	15	HM-8	Storage	< 0.005µCi	05/08/2016	6 Months	11/08/2016
109	Ni-63	15	HM-8	Storage	< 0.005µCi	05/08/2016	6 Months	11/08/2016
48	Ni-63	15	HM-8	Storage	< 0.005µCi	05/08/2016	6 Months	11/08/2016
036	Ni-63	15	HM-8	Storage	< 0.005µCi	05/08/2016	6 Months	11/08/2016
1213AN / 3176	Ni-63	10	PMS	Storage	< 0.005µCi	05/08/2016	6 Months	11/08/2016
1214AN / 3175	Ni-63	10	PMS	Storage	< 0.005µCi	05/08/2016	6 Months	11/08/2016

Fail

Mark Madden
Analyzed By

05/20/2016
Analyzed Date

Cathy Strickler
Reviewed By

5/31/2016
Reviewed Date

RETEST

Leak Test Report

4241 Allendorf Drive
 Cincinnati, OH 45209
 Phone (513) 272-0131 Fax (513) 272-0133

Customer ID: 1059

Email: Gary.C.Brown-2@chemours.com

Customer Information: Gary Brown
 Chemours - Edge Moor Plant
 104 Hay Road
 Wilmington, DE 19809

Analyzed By:	Mark Madden
Equipment No.	NS-0095
Calibration Due:	09/12/2016
Analysis Date:	05/05/2016
Sources Analyzed:	64

Ohio Administrative Code (OAC) - 3701:1-38-24

(E) A sealed source shall be considered to be leaking if the presence of one hundred eighty-five becquerels (0.005 microcurie) or more of removable contamination on any test sample is identified.

Serial #	Isotope	mCi	Source Holder	Customer Tag #	Test Result	Test Date	Test Interval	Next Test Date
1215AN / 3194	Ni-63	10	PMS	CI2 Analyzer	> 0.005µCi	04/29/2016		
1213AN / 3176	Ni-63	10	PMS	Storage	< 0.005µCi	04/29/2016	6 Months	10/29/2016
1214AN / 3175	Ni-63	10	PMS	Storage	< 0.005µCi	04/29/2016	6 Months	10/29/2016
109	Ni-63	15	HM-8	Storage	< 0.005µCi	04/29/2016	6 Months	10/29/2016
48	Ni-63	15	HM-8	Storage	< 0.005µCi	04/29/2016	6 Months	10/29/2016
036	Ni-63	15	HM-8	Storage	< 0.005µCi	04/29/2016	6 Months	10/29/2016
138	Ni-63	15	HM-8	Storage	< 0.005µCi	04/29/2016	6 Months	10/29/2016
2901GN	Cs-137	2000	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
7715GG	Cs-137	100	SH-F1B-60	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
4124GG	Cs-137	200	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017

Mark Madden
 Analyzed By

05/05/2016
 Analyzed Date

 Reviewed By

 Reviewed Date



Leak Test Report

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68236	Cs-137	500	SH-F2-45	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
GG-379	Cs-137	100	SA1-C5	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
64925	Cs-137	3000	SR-2	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
62605	Cs-137	300	SHD	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
62854	Cs-137	250	SR-2	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
70755	Cs-137	175	SH-F2-30	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
2902GN	Cs-137	2000	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
65625	Cs-137	250	SR-2	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
71517	Cs-137	120	SR-1A	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
9959GG	Cs-137	200	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
74342	Cs-137	750	SHLG-2	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
65675	Cs-137	50	SR-1	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017

Mark Madden

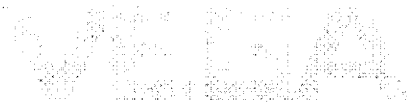
Analyzed By

05/05/2016

Analyzed Date

Reviewed By

Reviewed Date



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(E) A sealed source shall be considered to be leaking if the presence of one hundred eighty-five becquerels (0.005 microcurie) or more of removable contamination on any test sample is identified.

GG-380	Cs-137	100	SA1-C10	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
2900GN	Cs-137	2000	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
2903GN	Cs-137	2000	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
2899GN	Cs-137	2000	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
60343	Cs-137	300	SHD	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
M-7303	Cs-137	40	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
7695GG	Cs-137	100	SH-F1B-60	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
M-2919	Cs-137	100	SA1-C40	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
7694GG	Cs-137	100	SH-F1B-60	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
60152	Cs-137	50	SR-1A	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
5316CN	Cs-137	5	SA1-C10	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
7684GG	Cs-137	100	SH-F1B-60	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017

Mark Madden

Analyzed By

05/05/2016

Analyzed Date

Reviewed By

Reviewed Date



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Ohio Administrative Code (OAC) - 3701:1-38-24
(E) A sealed source shall be considered to be leaking if the presence of one hundred eighty-five becquerels (0.005 microcurie) or more of removable contamination on any test sample is identified.

7690GG	Cs-137	100	SH-F1B-60	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
2944GK	Cs-137	2000	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
8966GG	Cs-137	300	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
8968GG	Cs-137	300	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
8226CO	Cs-137	5	SA1-C5	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
8980GG	Cs-137	500	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
5191CM	Cs-137	100	SH-F2-45	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
7554GK	Cs-137	200	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
9577GK	Cs-137	200	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
8967GG	Cs-137	300	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
73364	Cs-137	100	SR-1A	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
60364	Cs-137	500	SR-2	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017

Mark Madden
Analyzed By

05/05/2016
Analyzed Date

Reviewed By

Reviewed Date

Leak Test Report

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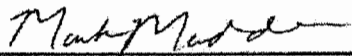
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7689GG	Cs-137	100	SH-F1B-60	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
73883	Cs-137	300	SH-F2-45	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
71450	Cs-137	300	SH-F2-45	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
2904GN	Cs-137	2000	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
65515	Cs-137	15	SH-F1A-45	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
LL-725	Cs-137	5	SA1-C10	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
7061GG	Cs-137	10	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
73884	Cs-137	300	SH-F2-0	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
092	Gd-153	1000	HM-8	Storage	< 0.005µCi	04/29/2016	6 Months	10/29/2016
AM317	Am-241	25		Storage	< 0.005µCi	04/29/2016	6 Months	10/29/2016
7691GG	Cs-137	100	SH-F1B-60	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
69592	Cs-137	25	SH-F1B-45	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017



Analyzed By

05/05/2016

Analyzed Date

Reviewed By

Reviewed Date

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 Analysis Date: 05/05/2016
 Sources Analyzed: 64

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(E) A sealed source shall be considered to be leaking if the presence of one hundred eighty-five becquerels (0.005 microcurie) or more of removable contamination on any test sample is identified.

8885GK	Cs-137	10	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
6498	Cs-137	50	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
7039GG	Cs-137	5	SA1-C5	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
6280CN	Cs-137	300	GS-400	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
8972GK	Cs-137	200	SA1-F37	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017
62950	Cs-137	100	HM-8	Storage	< 0.005µCi	04/29/2016	1 Year	04/29/2017

Mark Madden

Analyzed By

05/05/2016

Analyzed Date

Reviewed By

Reviewed Date



The Chemours Company, TT 302-761-2219 o
Titanium Technologies chemours.com
Edge Moor Plant
104 Hay Road
Wilmington, DE 19809

October 27, 2016

U.S. Nuclear Regulatory Commission
Director, Office of Nuclear Material Safety and Safeguards
Attn: GLTS
Washington, DC 20555-0001

SUBJECT: Leak Test Failure > 0.005 Microcurie
Chemours NRC License No. 07-35285-01

Dear Mr. Rodriguez-Luccioni,

Our site was shut down in September of 2015. Source removal began in January 2016. Wipe test were performed in April 2016. I was contacted by Ohmart/VEGA concerning an abnormal reading above 0.005 microcurie on our Ni-63 IMS Chlorine Analyzer Source Serial # 1215AN/3194 – 15mCi. At the time of notification, the source had been removed and stored in individually wrapped plastic envelopes with other small sources in a 5 gallon metal container for disposal. The reports from Ohmart/VEGA are attached.

The source container was sampled again along with the other sources and the 5 gallon metal container. The reading came back again with results being above 0.005 microcuries on our Ni-63 IMS Chlorine Analyzer Source Serial # 1215AN/3194 – 15mCi only. At this time, Ohmart/VEGA, who were contracted to recycle our sources, would not accept the sources in the 5 gallon metal container.

Currently the 5 gallon metal container containing this source has been in our radiation storage area lock up. We have contracted PACE for disposal of the remaining sources in the 5 gallon metal container. The Ni-63 IMS Chlorine Analyzer Source Serial # 1215AN/3194 – 15mCi housing has since been sent to scrap.

Should there be any further questions or concerns, please contact me via email at gary.c.brown-2@chemours.com or at 302-761-2036.

Thank you,

Gary C. Brown

Gary C. Brown
Radiation Safety Officer

NRC FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. SHIPPER- NAME AND FACILITY Chase Environmental Group, Inc. 11450 Watterson Court Louisville KY 40299		SHIPPER ID # N/A	7. NRC FORM 540 AND 540A PAGE 1 <u>1</u> PAGE(S) NRC FORM 541 AND 541A OF <u>1</u> PAGE(S) NRC FORM 542 AND 542A OF <u>1</u> PAGE(S) ADDITIONAL INFORMATION NO. OF PAGE(S)		8. Manifest Number (Use this number on all continuation pages) AL-2016-359		
1. EMERGENCY TELEPHONE NUMBER (INCLUDE AREA CODE) 800-424-9300		USER PERMIT NUMBER T-KY003-L16	SHIPMENT # N/A	GENERATOR TYPE (SPECIFY) COLLECTOR	9. CONSIGNEE-NAME AND FACILITY ADDRESS Alaron Corporation 2138 State Route 18 Wampum, PA 16157		Contact Mike Otowski Telephone Number (include area code) 724-535-5777		
ORGANIZATION CHEMTREC WSDS #: CHEN01RAD Customer #: 4395		CONTACT Seb Cannata		TELEPHONE # 860-306-0195	SIGNATURE (Authorized consignee acknowledging waste receipt) <i>Jack Grimmer</i>		Date 12-13-16		
2. IS THIS AN "INCLUDE USE" SHIPMENT? [] YES [x] NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 1		6. CARRIER NAME AND ADDRESS SJ Transportation Co., Inc. PO Box 189 Woodstown, NJ 08098		EPA ID # NJD071629976	10. Certification		
4. DOES EPA REGULATE THIS MATERIAL REQUIRING A MANIFEST ACCORDING TO THIS SHIPMENT? [] YES [x] NO		EPA MANIFEST NUMBER N/A		CONTACT Kevin Elder		TELEPHONE # 856-769-2741	This is to certify that the herein-named materials are acceptable for disposal, are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the Commission.		
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)		12. DOT LABEL "RADIOACTIVE" I	13. TRANSPORT INDEX N/A	14. PHYSICAL AND CHEMICAL FORM Solid/Oxide	15. INDIVIDUAL RADIONUCLIDES Am-241; Ni-63; Gd-153	16. TOTAL PACKAGE ACTIVITY IN MBq 4.26E+03	17. LSA/SCO CLASS N/A	18. TOTAL WEIGHT OR VOLUME m ³ 0.242	19. ID NUMBER OF PACKAGE AL-SS-W-16-838
US DOT ERG # 163		Generator Certification Statement: The constituents of the waste manifested herein are known to the generator. There are no EPA RCRA, pathogenic or other hazards present other than those specifically listed on the Form 541.		Signature <i>Robert Aery</i>		Signature <i>Mike Otowski</i>		Date 11/15/16	

CONSIGNEE ORIGINAL (MUST ACCOMPANY WASTE IN TRANSIT)



QSA GLOBAL

6765 Langley Drive
Baton Rouge, Louisiana 70809

Date: June 9, 2016

Gary Brown
Chemours Company
Formerly E.I. DuPont DeNemourse
104 Hay Road
Wilmington, DE 19809

MRA # 31152

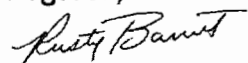
This is to advise that the Radioactive Material as detailed below has been received by QSA Global, Inc as of 6-3-16 and we have taken possession of these sources.

Manufacturer	Model	Serial Number	Isotope	Activity-mci
Ronan	SA1-C5	8226CO	Cs-137	5
Ronan	SA1-C5	7039GG	Cs-137	5
Ronan	SA1-C10	5316 CN	Cs-137	5
Ronan	SA1-C10	LL-725	Cs-137	5
Ronan	SA-1	7061GG	Cs-137	10
Ronan	SA1-F37	8885GK	Cs-137	10
Ohmart	SHF1A-015-45	65515	Cs-137	15
Ohmart	SH-F1B-45	69592	Cs-137	25
Ronan	SA1-F37	M7303	Cs-137	40
Ohmart	SR-1	65675	Cs-137	50
Ohmart	SR1A	60152	Cs-137	50
Ronan	SA1-F37	0064/98	Cs-137	50
Ohmart	HM-8	62950	Cs-137	100
Ohmart	SR-1A	73364	Cs-137	100
Ohmart	SHF-2	5191CM	Cs-137	100
Ohmart	SH-F1(60)	7684GG	Cs-137	100
Ohmart	SH-F1(60)	7689GG	Cs-137	100
Ohmart	SH-F1(60)	7690GG	Cs-137	100
Ohmart	SH-F1(60)	7691GG	Cs-137	100
Ohmart	SH-F1	7694GG	Cs-137	100

Manufacturer	Model	Serial Number	Isotope	Activity
Ohmart	SH-F1(60)	7695GG	Cs-137	100
Ohmart	SH-F1(60)	7715GG	Cs-137	100
Ronan	SA1-C10	GG-380	Cs-137	100
Ronan	SA1-C10	M2919	Cs-137	100
Ronan	SA1-C5	GG-379	Cs-137	100
Ohmart	SHD	71517	Cs-137	120
Ohmart	SH-F2-30	70755	Cs-137	175
Ronan	SA1-F37	4124GG	Cs-137	200
Ronan	SA1-F37	8972GK	Cs-137	200
Ronan	SA1-F37	9577GK	Cs-137	200
Ronan	SA1-F37	7554GK	Cs-137	200
Ohmart	SR-2	65625	Cs-137	250
Ohmart	SR-2	62854	Cs-137	250
Ronan	SA1-F37	9959GG	Cs-137	250
Ohmart	SHD	60343	Cs-137	300
Ohmart	SHD	62605	Cs-137	300
Ohmart	SH-F2	73884	Cs-137	300
Ohmart	SH-F2(45)	73883	Cs-137	300
Ohmart	SHF2	71450	Cs-137	300
Ronan	GS-400	0108C	Cs-137	300
Ronan	SA1-F37	8967GG	Cs-137	300
Ronan	SA1-F37	8968GG	Cs-137	300
Ronan	SA1-F37	8966GG	Cs-137	300
Ohmart	SHF-2	68236	Cs-137	500
Ohmart	SR-2	60364	Cs-137	500
Ronan	SA1-F37	8980GG	Cs-137	500
Ohmart	SHLG-2	74342	Cs-137	750
Ronan	SA1-F37	2944GK	Cs-137	2000
Ronan	SA1-F37	2901GN	Cs-137	2000
Ronan	SA1-F37	2899GN	Cs-137	2000
Ronan	SA1-F37	2903GN	Cs-137	2000
Ronan	SA1-F37	2900GN	Cs-137	2000
Ronan	SA1-F37	2902GN	Cs-137	2000
Ronan	SA1-F37	2904GN	Cs-137	2000
Ohmart	SR-2	64925	Cs-137	3000

Please retain this record for your files. Should you require further assistance, please contact us at QSA Global, Inc.

Regards,



Rusty Barrett

Technical Service Manager



**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE
RADIATION LICENSING
P.O. BOX 4312
BATON ROUGE, LOUISIANA 70821-4312**

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Louisiana Environmental Quality Act (Louisiana Revised Statutes 30:2101 et seq.) and the Louisiana Radiation Regulations, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in the Louisiana Revised Statutes 30: 2105 of the Louisiana Nuclear Energy and Radiation Control Law, and is subject to all applicable rules, regulations, and orders of the Department now or hereinafter in effect, including the Louisiana Radiation Regulations (LAC 33:XV) and to any condition specified in the license.

LICENSEE QSA Global, Inc. 40 North Avenue Burlington, Massachusetts 01803 Attention: Charles Ellars Radiation Safety Officer	LICENSE NUMBER LA-5934-L01	EXPIRATION DATE May 31, 2018
	PREVIOUS AMENDMENTS ARE VOID AMENDMENT NUMBER 29	AI NUMBER 38955
	THIS LICENSE ISSUED PURSUANT TO AND IN ACCORDANCE WITH Departmental Action SIGNED BY: _____ DATE: March 1, 2016	

RADIOISOTOPE		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE*	SEALED SOURCE IDENTIFICATION CHEMICAL FORM—PHYSICAL STATE	STORAGE CONTAINER OR EXPOSURE DEVICE	AUTHORIZED USE
ELEMENT	MASS NO.					
Co	60	Total	1,500 Ci	Sealed Sources		Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Emergency Source Retrieval
Se	75	Total	1,000 Ci	Sealed Sources		Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Emergency Source Retrieval
Cs	137	Total	1,000 Ci	Sealed Sources		Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Emergency Source Retrieval
Ir	192	Total	15,000 Ci	Sealed Sources		Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Emergency Source Retrieval
U	238	Total	10,000 Kg	Solid		Shielding Material; Research and Development; Instrument Calibration

*pCi-picoCurie; µCi-Microcurie; mCi-Millicurie; Ci-Curie

Lourdes Iturralde Assistant Secretary		DATE 	Page 1 of 4 Page(s)
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Official Use Only-Security-Related Information

LICENSEE QSA Global, Inc.	LICENSE NUMBER LA-5934-L01	AMENDMENT NUMBER 29	AI NUMBER 38955	Page 2 of 4 Page(s)
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Any	3-218		100 Ci per Radio-nuclide	Sealed Sources or Leak Test Samples	Distribution, Repackage, Transfer, Demonstration; Research and Development; Instrument Calibration; Leak Testing
Ra	226	Total	25 Ci	Sealed Sources or Leak Test Samples	Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Leak Testing; Emergency Source Retrieval
Ac	227	Total	25 Ci	Sealed Sources or Leak Test Samples	Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Leak Testing
Th	232	Total	25 Ci	Sealed Sources or Leak Test Samples	Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Leak Testing
Am	241	Total	200 Ci	Sealed Sources or Leak Test Samples	Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Leak Testing; Emergency Source Retrieval
Cm	244	Total	25 Ci	Sealed Sources or Leak Test Samples	Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Leak Testing
Cf	252	Total	25 Ci	Sealed Sources or Leak Test Samples	Distribution and Demonstration of Sealed Sources; Research and Development; Instrument Calibration; Leak Testing

The licensee is hereby authorized to perform the following services:

1. Demonstration, distribution and testing of industrial and radiography sources;
2. Emergency retrieval of industrial and radiography sources;
3. Instruction in the emergency retrieval of industrial and radiography sources;
4. Distribution of approved leak test kits and perform leak tests;
5. Calibration of radiation detection instruments;
6. Installation, relocation, repair/maintenance, packaging, leak testing and radiation surveys for gauges and measuring devices;
7. Exchange of industrial radiography sources;

Official Use Only-Security-Related Information

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	AI NUMBER	
QSA Global, Inc.	LA-5934-L01	29	38955	Page 3 of 4 Page(s)

8. Receive, repackage, re-use/recycle and/or transfer sources to a licensed organization that prepares the sources for disposal or a licensed disposal facility; and
9. Research and development
10. Receive, repackage, and make final disposition of leaking sources to a licensed facility in accordance with letter dated May 27, 2005.

1. Radioactive material shall be used by, or under the supervision of, individuals designated by the licensee's Radiation Protection and General Safety Committee.

2. A. Radioactive materials shall be used and stored at:

QSA Global, Inc.
6765 Langley Drive
Baton Rouge, Louisiana 70809

AI No. 83179

B. Radioactive materials shall also be used at temporary jobsites of the licensee for the services listed below:

- 1) Possession, storage, and handling incident to distribution to persons authorized to receive the licensed material pursuant to the terms and conditions of a specific license issued by the Department, an Agreement State or the U. S. Nuclear Regulatory Commission;
- 2) Demonstration of sources/devices;
- 3) Research and development;
- 4) Leak testing of sources/devices as a customer service;
- 5) Instrument calibration as a customer service;
- 6) Installation, relocation, repair/maintenance, packaging and radiation surveys for gauges and measuring devices; and
- 7) Exchange of industrial radiography sources.
- 8) Emergency retrieval of industrial and radiography sources.

3. The Radiation Safety Officer for this license is Charles Ellars. The Site Radiation Safety Officer is Rusty Barrett.

4. The licensee shall conduct leak tests in accordance with LAC 33:XV.426 and 544.

5. Sealed sources shall not be opened by the licensee.

Official Use Only-Security-Related Information

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	AI NUMBER	
QSA Global, Inc.	LA-5934-L01	29	38955	Page 4 of 4 Page(s)

6. The licensee is authorized to repair, modify, dismantle or effect a change in a gauge which is being installed, maintained, relocated, or leak tested, provided that each modification has been previously evaluated by the Department, an Agreement State, or the U.S. Nuclear Regulatory Commission.
7. The licensee shall conduct a physical inventory every six months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for two years from the date of each inventory.
8. The Department shall require financial assurance in accordance with LAC 33.XV.325 and LAC 33.XV.351, except that all radioactive material rather than specifically by-product material, will be considered in the financial assurance requirements.
9. The licensee shall submit an updated decommissioning funding plan to be reviewed and approved by the Department three (3) years from the date of the most recent financial assurance review, performed April 30, 2014.
10. The licensee must submit notification to the Department announcing the dates of the source retrieval class at least two (2) weeks in advance.
11. If, in an emergency, it becomes necessary for the licensee to evacuate the facility at which radioactive material is stored, it shall be the responsibility of the licensee to notify the Office of Environmental Compliance (225) 219-3041 prior to leaving. The licensee shall submit a detailed description of how the storage location was secured prior to leaving and the licensee's temporary address, phone number(s) or other means of being contacted. This information shall be kept updated until the licensee is able to return to the licensed storage location.
12. The licensee shall comply with the regulations for the physical protection of Category 1 and Category 2 quantities of radioactive material in LAC 33:XV.Chapter16.
13. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with LAC 33:XV and statements, representations and procedures contained in the licensee's application (complete submission) dated March 24, 2009, and in all subsequent correspondence. The regulations in LAC 33:XV shall take precedence unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than these regulations.

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF RADIATION PROTECTION

Page 1 of 3 Pages
License No. PA - 0678
Amendment No. 12

RADIOACTIVE MATERIALS LICENSE

Pursuant to the Radiation Protection Act, the Act of July 10, 1984 (No. 147, P.L. 888)(35 P.S. §§ 7110.101 – 7110.703) and Title 25. Rules and Regulations, Article V. Radiological Health of the Pennsylvania Department of Environmental Protection, and in reliance on statements and representations heretofore Licensee to receive, acquire, possess, transfer, and use radioactive material listed below for the purposes and at the places designated below. This license shall be deemed subject to all applicable rules, regulations, or orders of the Pennsylvania Department of Environmental Protection now or hereafter in effect and to any conditions specified below.

Licensee 1. Veolia ES Alaron, LLC d/b/a Alaron Nuclear Services 2. 2138 State Route 18 Wampum, PA 16157-9320		In response to correspondence dated February 16, 2016 3. License No. PA – 0678 is amended as follows: 4. Expiration Date: December 31, 2018 5. Client ID: 356 Program. Code: 3234 Priority: 2	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Any byproduct or source material with Atomic Numbers 1 through 96, inclusive	A. Fixed or removable contamination, including dry solid materials and wastes and wet and aqueous liquid wastes		
B. Depleted or natural Uranium	B. Any		
C. Depleted Uranium	C. Solid metal		
D. Any byproduct or source material with Atomic Numbers 1 through 96, inclusive	D. Sealed sources		
E. Hydrogen 3	E. Sealed sources		
F. Any byproduct or source material with Atomic Numbers 2 through 91, inclusive	F. Sealed sources		
G. Any byproduct material with Atomic Numbers 93 or greater	G. Sealed sources		
H. Special Nuclear Material	H. Any		
I. Californium-252	I. Sealed Source (Frontier Technologies Corp Model 100 series)		

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

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BUREAU OF RADIATION PROTECTION

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License No. PA - 0678

RADIOACTIVE MATERIALS LICENSE

Amendment No. 12

9. Authorized use:

- A.** For the possession and repackaging of ores and similar raw materials containing naturally occurring and source material. See Condition 14
- A., B. and H.** For the possession, storage, use, maintenance, repair, and decontamination of contaminated equipment. For possession, storage, processing, packaging, and shipping of dry solid and wet and aqueous liquid contaminated waste. See Condition 14.
- C.** For possession and use as shielding material in the fabrication of transport casks.
- D. and H.** For possession and use as calibration and check sources.
- E., F. and G.** For possession and transfer incident to recycling or packaging for disposal and packaging and shipping waste at temporary job sites. See Condition 14.
- I.** For possession and storage related to measurement and testing equipment.

CONDITIONS

- 10.** Licensed material may be used or stored at the licensee's facilities located at 2138 State Route 18, Wampum, PA 16157 and may be used at temporary job sites of the licensee anywhere in the Commonwealth of PA where the Commonwealth maintains jurisdiction for regulating the use of licensed material. Authorization for use of radioactive materials at job sites under exclusive Federal jurisdiction or in Agreement States shall be obtained from the appropriate regulatory agency.
- 11.** Licensed material shall be used by, or under the supervision of, Julian J. Owoc II or Michael Otlowski.
- 12.** The Radiation Safety Officer for this license is Julian J. Owoc II.
- 13.** The licensee may transport licensed material, or deliver licensed material to a carrier for transport, in accordance 25 Pa Code Chapter 230, "Packaging and Transportation of Radioactive Material" and the provisions of 10 CFR Part 71 incorporated by reference.
- 14.** The licensee shall not store licensed material contained in waste for more than 2 years from the date the waste is put into storage. The licensee shall maintain records which indicate the date that the licensed material contained in waste is put into storage. Materials which are utilized by the licensee in performance of tasks authorized by the license may be possessed for more than two years provided that a separate current inventory record be maintained at all such times.
- 15.** The licensee shall notify The Department of Environmental Protection, 400 Market Street, Harrisburg, PA 17101, in writing 3 days prior to the establishment of a temporary job site. The notification shall include the address of the temporary facility and the expected duration of activities at the job site. At the conclusion of activities at a temporary job site, the licensee shall submit to the Department, a copy of surveys performed prior to the release of the facility for unrestricted use.



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License No. PA - 0678

RADIOACTIVE MATERIALS LICENSE

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16.

17. Notwithstanding the requirement of 10 CFR Part 20, Appendix G, Section III.E.1, any shipment or part of a shipment for which acknowledgement is not received within the applicable times shall be investigated by the licensee if the licensee has not received notification or receipt within 35 days after transfer.

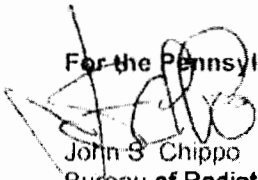
18.

19. Notwithstanding the requirements set forth in this license, the licensee shall comply with the regulations set forth in Title 25 of the Pennsylvania Code, Article V "Radiological Health" and the U.S. Nuclear Regulatory Commission, Title 10 Code of Federal Regulations Parts 19-150 incorporated by reference.

20. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. The Department of Environmental Protection's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Letter dated February 14, 2008 (NRC)
- B. Renewal application dated June 29, 2011
- C. Letter dated March 28, 2012
- D. Letter dated May, 1, 2012
- E. Letter dated May 31, 2012
- F. Letter, plus attachments, dated April 8, 2014
- G. Electronic correspondence dated August 13, 2014
- H. Letter dated March 25, 2015 (DEP)
- I. Letter dated February 16, 2016 (DEP)

For the Pennsylvania Department of Environmental Protection


John S. Chippo
Bureau of Radiation Protection
P O Box 8469
Harrisburg, PA 17105-8469

Date: March 22, 2016

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

PAGE 1

1. LICENSEE AND 2. ADDRESS .

CHASE ENVIRONMENTAL GROUP INC.
11450 WATTERSON COURT
LOUISVILLE, KY 40299-2389

ATTENTION: JOHN R. O'NEIL
TELEPHONE: 502-267-1455

PURSUANT TO KRS 211.842 ET SEQ., THE KENTUCKY CABINET FOR HUMAN RESOURCES REGULATIONS, 902 KAR 100, AND IN RELIANCE ON STATEMENTS AND REPRESENTATIONS HERETOFORE MADE BY THE LICENSEE, A LICENSE IS HEREBY ISSUED TO RECEIVE, ACQUIRE, OWN, POSSESS AND TRANSFER RADIOACTIVE MATERIAL LISTED BELOW; AND TO USE SUCH RADIOACTIVE MATERIAL FOR THE PURPOSE(S) AND AT THE PLACE(S) DESIGNATED BELOW. THIS LICENSE IS SUBJECT TO ALL APPLICABLE RULES, REGULATIONS, AND ORDERS OF THE CABINET FOR HEALTH SERVICES, NOW OR HEREINAFTER IN EFFECT AND TO ANY CONDITIONS SPECIFIED BELOW.

3. LICENSE NUMBER: 201-605-15
AMENDMENT NO. 33
4. EXPIRATION DATE: DECEMBER 31, 2016
5. REVIEWER: 41

6. LICENSED MATERIAL	7. FORM	8. POSSESSION LIMIT
A. ANY RADIOACTIVE MATERIAL WITH ATOMIC NUMBERS	A. ANY FORM	A. 100 CURIES (NOT TO EXCEED OR EQUAL INCREASED CONTROLS (IC) QUANTITIES OF CONCERN IN ACCORDANCE WITH IC TABLE 1)

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-605-15

AMENDMENT 33

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3-98 INCLUSIVE,
EXCLUDING H-3,
SOURCE MATERIAL
AND SPECIAL
NUCLEAR MATERIAL

- | | | |
|--------------------------------|------------------------------|--|
| B. HYDROGEN 3 | B. SOLID, LIQUID
OR GAS | B. 100 CURIES |
| C. SOURCE MATERIAL | C. ANY FORM | C. 1,000 KILOGRAMS |
| D. SPECIAL NUCLEAR
MATERIAL | D. ANY FORM | D. 350 GRAMS URANIUM-
235, 200 GRAMS
URANIUM-233, OR
200 GRAMS PLUTONIUM
OR ANY COMBINATION
OF THESE PROVIDED
THE SUM OF THE
RATIOS OF THE
QUANTITIES DOES NOT
EXCEED UNITY |
| E. URANIUM, DEPLETED | E. SOLID
(NONDISPERSABLE) | E. 4,500 KILOGRAMS |

9. AUTHORIZED USE

- A.-D. 1. FOR DECONTAMINATION AND DECOMMISSIONING SERVICES, INCLUDING DEMOLITION, REMEDIATION, RADIOLOGICAL SURVEY, SAMPLING AND ACCELERATOR/CYCLOTRON DISASSEMBLY, REMOVAL, STORAGE AND RELOCATION.
2. FOR TRANSPORTATION SERVICES, INCLUDING PACKAGING, PROCESSING AND TRANSPORT FOR DISPOSAL OR TRANSFER TO FACILITIES AUTHORIZED TO STORE, POSSESS, OR DISPOSE OF RADIOACTIVE MATERIAL.
3. FOR STORAGE OF ACCELERATORS, CYCLOTRONS, ASSOCIATED COMPONENTS AND OTHER ACTIVATED OR CONTAMINATED ITEMS PENDING TRANSFER TO LICENSED FACILITIES OR DISPOSAL AND WASTE COLLECTION FOR LOAD CONSOLIDATION.

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

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4. IMPLEMENTATION OF RADIATION SAFETY PROGRAMS AT TEMPORARY JOB SITES INCLUDING THOSE NOT DEFINED IN 1, 2 AND 3 ABOVE.

5. MATERIAL MAY BE USED AT TEMPORARY JOB SITES OF THE LICENSEE AT LOCATIONS THROUGHOUT KENTUCKY, THE UNITED STATES AND OTHER LOCATIONS AS NEEDED UPON RECEIPT OF RECIPROCIITY.

1-5 ABOVE IS TO BE PERFORMED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF LICENSES ISSUED BY THE U.S. NUCLEAR REGULATORY COMMISSION OR AN AGREEMENT STATE.

E. FOR STORAGE ONLY.

CONDITIONS:

10. THE LICENSEE SHALL COMPLY WITH THE PROVISIONS OF THE KENTUCKY CABINET FOR HEALTH SERVICES ADMINISTRATIVE RADIATION REGULATIONS, 902 KAR 100.

11. RADIOACTIVE MATERIAL MAY BE STORED AT:
CHASE ENVIRONMENTAL GROUP
11450 WATTERSON COURT
LOUISVILLE, KY 40299-2389

RADIOACTIVE MATERIAL MAY BE USED AT TEMPORARY JOB SITES, IN AREAS NOT UNDER EXCLUSIVE FEDERAL JURISDICTION, ANYWHERE IN THE COMMONWEALTH OF KENTUCKY WHERE THE CABINET MAINTAINS JURISDICTION FOR REGULATING THE USE OF RADIOACTIVE MATERIAL. (THIS CONDITION DOES NOT PROHIBIT USE IN OTHER STATES UNDER RECIPROCIITY PRIVILEGES WHICH MAY BE GRANTED BY THE REGULATORY AGENCY HAVING JURISDICTION.)

12. COPIES OF RECORDS REQUIRED PURSUANT TO 902 KAR 100 OR CONDITIONS OF THE LICENSE SHALL BE MAINTAINED FOR INSPECTION BY THE CABINET AT CHASE ENVIRONMENTAL GROUP, 11450 WATTERSON COURT, LOUISVILLE, KY 40222

13. RADIOACTIVE MATERIAL SHALL BE USED BY, OR UNDER THE SUPERVISION AND IN THE PHYSICAL PRESENCE OF JOHN R. O'NEIL, CHRISTOPHER E. ECHTERLING OR DAVE CULP.

ALTERNATIVELY, RADIOACTIVE MATERIAL MAY BE USED BY INDIVIDUALS WHO HAVE BEEN TRAINED AS SPECIFIED IN APPLICATION DATED NOVEMBER 9, 2009 AND HAVE BEEN APPROVED IN WRITING BY THE RADIATION SAFETY OFFICER. THE LICENSEE SHALL MAINTAIN RECORDS OF THE TRAINING RECEIVED BY INDIVIDUALS DESIGNATED AS USERS FOR INSPECTION BY THE CABINET FOR FIVE (5) YEARS FOLLOWING THE LAST USE OF RADIOACTIVE MATERIAL BY THE INDIVIDUAL. THIS TRAINING PROGRAM IS APPLICABLE ONLY TO INDIVIDUALS WHO SHALL USE

CABINET FOR HEALTH SERVICES
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RADIOACTIVE MATERIAL LICENSE

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LICENSED MATERIAL UNDER THE AUTHORITY OF THIS LICENSE.

14. THE RADIATION SAFETY OFFICER FOR THE ACTIVITIES AUTHORIZED BY THIS LICENSE IS CHRISTOPHER E. ECHTERLING .
15. THE LICENSEE MAY TRANSPORT RADIOACTIVE MATERIAL, OR DELIVER RADIOACTIVE MATERIAL TO A CARRIER FOR TRANSPORT, IN ACCORDANCE WITH THE PROVISIONS OF 902 KAR 100:070, AND OTHER DEPARTMENTS OF THE COMMONWEALTH OF KENTUCKY HAVING JURISDICTION.
16. THIS LICENSE AND THE RIGHT TO POSSESS OR UTILIZE RADIOACTIVE MATERIAL GRANTED BY THIS LICENSE ISSUED UNDER 902 KAR CHAPTER 100 SHALL NOT BE TRANSFERRED, ASSIGNED, OR OTHERWISE DISPOSED OF, THROUGH TRANSFER OF CONTROL OF A LICENSE TO A PERSON UNLESS THE CABINET, AFTER SECURING FULL INFORMATION, FINDS THAT THE TRANSFER IS IN ACCORDANCE WITH THE REQUIREMENTS OF 902 KAR CHAPTER 100 AND GIVES ITS CONSENT IN WRITING IN ACCORDANCE WITH 902 KAR 100:040, SECTION 11.
17. IN ADDITION TO THE POSSESSION LIMITS SPECIFIED IN ITEM 8, THE LICENSEE SHALL FURTHER RESTRICT POSSESSION OF RADIOACTIVE MATERIAL TO QUANTITIES BELOW MINIMUM LIMIT SPECIFIED IN TABLE 1: RADIONUCLIDES OF CONCERN FROM THE U.S. NUCLEAR REGULATORY COMMISSION'S ORDER EA-05-090 IMPOSING INCREASED CONTROLS FOR LICENSEES THAT POSSESS SOURCES CONTAINING RADIOACTIVE MATERIAL QUANTITIES OF CONCERN.
18. THE LICENSEE SHALL SUBMIT A DECONTAMINATION, DECOMMISSIONING, AND REMEDIATION AND/OR OTHER PROJECT WORK PLAN FOR EACH PROJECT TO BE PERFORMED, UNDER THIS LICENSE. THIS PLAN WILL SPECIFY AN ESTIMATE OF THE TYPES, QUANTITIES, PHYSICAL/CHEMICAL FORMS OF RADIOACTIVE MATERIAL; SPECIFICATIONS OF SITE LOCATION INCLUDING FACILITIES AND EQUIPMENT, AND RADIATION DETECTION INSTRUMENTS TO BE USED; DESCRIPTION OF PROJECT ACTIVITIES INCLUDING WASTE MANAGEMENT AND DISPOSITION; ESTIMATED PROJECT START DATE AND DURATION; AND IDENTIFICATION OF, AND INFORMATION ON HOW TO CONTACT KEY PROJECT PERSONNEL. IN ADDITION, THE PLAN SHALL INCLUDE PERSONNEL QUALIFICATIONS INCLUDING THOSE OF THE RADIATION CONTROL SUPERVISOR, AND A DESCRIPTION OF PERSONNEL DOSIMETRY AND BIOASSAY PROCEDURES TO BE USED. OTHER INFORMATION SHALL BE SUBMITTED AS REQUIRED BY THE REFERENCES IN CONDITION 19 OF THIS LICENSE.

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-605-15

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-
19. AT THE COMPLETION OF ACTIVITIES AT EACH JOB SITE LOCATION, THE LICENSEE SHALL NOTIFY THE CABINET OF THE TEMPORARY JOB SITE STATUS AND THE DISPOSITION OF THE RADIOACTIVE MATERIAL.
20. THIS LICENSE DOES NOT AUTHORIZE THE POSSESSION AND USE OF LICENSED MATERIAL AT CUSTOMER FACILITIES OR CUSTOMER TEMPORARY JOB SITES FOR USES SPECIFICALLY AUTHORIZED BY THE CUSTOMERS LICENSE.
21. NOTWITHSTANDING THE POSSESSION LIMITS IN ITEM 8, THE LICENSEE SHALL FURTHER RESTRICT THE POSSESSION AND STORAGE OF RADIOACTIVE MATERIAL IN THE COMMONWEALTH OF KENTUCKY TO QUANTITIES BELOW THE MINIMUM LIMIT SPECIFIED IN 902 KAR 100:042, SECTION 11, FOR ESTABLISHING DECOMMISSIONING FINANCIAL ASSURANCE.
22. EXCEPT AS SPECIFICALLY PROVIDED OTHERWISE IN THIS LICENSE, THE LICENSEE SHALL CONDUCT ITS PROGRAM IN ACCORDANCE WITH THE STATEMENTS, REPRESENTATIONS, AND PROCEDURES CONTAINED IN THE DOCUMENTS, INCLUDING ANY ENCLOSURES, LISTED BELOW. THE CABINET FOR HEALTH SERVICES REGULATIONS, 902 KAR 100, SHALL GOVERN UNLESS STATEMENTS, REPRESENTATIONS, AND PROCEDURES IN THE LICENSEE'S APPLICATION AND CORRESPONDENCE ARE MORE RESTRICTIVE THAN THE REGULATION.
- A. APPLICATION DATED NOVEMBER 9, 2009, SIGNED BY JOHN R. O'NEIL, DIRECTOR.
- B. LETTERS DATED:
1. APRIL 16, 2010, SIGNED BY JOHN R. O'NEIL, DIRECTOR.
 2. JUNE 7, 2010, SIGNED BY RICHARD SAUER, PRESIDENT.
 3. JULY 6, 2010 (EMAIL), SIGNED BY RICHARD SAUER, PRESIDENT.
 4. JANUARY 10, 2012, SIGNED BY RICHARD E. SAUER, PRESIDENT (CHANGING RSO).
 5. MARCH 22, 2012, SIGNED BY RICHARD E. SAUER, PRESIDENT AND CHRISTOPHER E. ECHTERLING, CRSO (GRANTING SIGNATURE OF AUTHORITY).
 6. MAY 17, 2012, EMAIL FROM RICHARD SAUER, PRESIDENT (RESTRICTING POSSESSION LIMIT).
 7. JULY 27, 2012, SIGNED BY RICHARD SAUER, PRESIDENT (RESTRICTING H-3 POSSESSION LIMIT BELOW FINANCIAL ASSURANCE QUANTITIES).

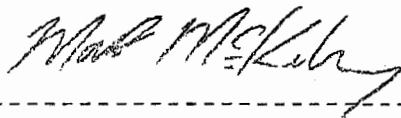
CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-605-15

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8. SEPTEMBER 19, 2012, SIGNED BY CHRIS ECHTERLING,
RADIATION SAFETY OFFICER (ADD DEPLETED URANIUM).
 9. APRIL 16, 2013, SIGNED BY MARK T. RUST, PRESIDENT
(DELETE/ADD CONTACT AND AUTHORIZED USER).
 10. JANUARY 8, 2015, SIGNED BY CHRIS ECHTERLING, RSO
(DELETE LETTER FROM ERIC LANING).
 11. NOVEMBER 23, 2015, SIGNED BY CHRIS ECHTERLING,
RADIATION SAFETY OFFICER (CHANGE DISCIPLINE CODE).



MANAGER
RADIATION HEALTH BRANCH

VICKIE YATES BROWN GLISSON

SECRETARY
CABINET FOR HEALTH AND FAMILY
SERVICES

DATE ISSUED DECEMBER 17, 2015



DELAWARE HEALTH AND SOCIAL SERVICES
DIVISION OF PUBLIC HEALTH

OFFICE OF RADIATION CONTROL

Radioactive Material

REGISTRATION

NON-TRANSFERABLE

Expiration Date: 2/9/2017

Effective Date: 2/9/2015

Registration No: 2329

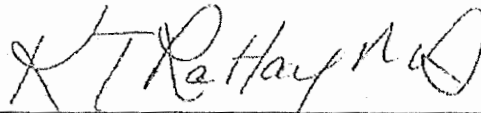
Chemours Edge Moor Plant
104 Hay Road
Wilmington, Delaware 19809

ATTN: Gary C. Brown

Pursuant to the Radiation Control Act, Del. C., Chapter 74 as amended, the Delaware Radiation Control regulations, and a duly filed application, registration is hereby issued to the registrant designated above.

This registration is hereby made public and is subject to all applicable rules, registrations, orders, and notices now or hereafter in effect.

BY:



Director, Division of Public Health

**POST IN A CONSPICUOUS PLACE
FOR PUBLIC VIEW**

RC-R11 3/92

MAILING ADDRESS: 417 FEDERAL STREET DOVER DELAWARE 19901



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee The Chemours Company F.C., LLC Edge Moor Plant Attn: Michelle Witulski 104 Hay Road Wilmington, DE 19809	Date 03/01/2017
	License Number(s) 07-35285-01
	Mail Control Number(s) 593091
	Licensing and/or Technical Reviewer or Branch Comm, Industrial, R&D, and Academic Branch

This is to acknowledge receipt of your: Letter and/or Application Dated: 02/22/2017

The initial processing, which included an administrative review, has been performed.
 Amendment Termination New License Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
 Follow the instructions on the form for submission.

The following administrative omissions have been identified:
 [Empty box for listing omissions]

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, or (610) 337-5239