



January 11, 2017

Br. 2

Certified Mail: 7015 1520 0002 0904 7957

Licensing Assistance Team
Division of Nuclear Materials Safety
US Nuclear Regulatory Commission, Region I
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

Re: **Renewal of Materials License No. 47-24837-01** / *03029170*

Clearon Corp wishes to renew the Materials license (License No. 47-24837-01) which expires February 28, 2017. Clearon Corp. certifies that there have been no changes in any personnel named in the license having control over the licensed activity and that there have been no changes in operating procedures or storage of the licensed material at this facility. The Radiation Safety Officer (RSO) for this license is Amanda Marcks.

If you have any questions, please contact Amanda Marcks or myself at 304-746-3000.

Sincerely,

John McKitrick
Plant Manager
Clearon Corp.

Enclosures

REC'D 1 01 24 17 AM 05 55

592874
NRC/REGI MATERIALS-002



**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 e-mail to Infocollects.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 CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-m/doc-collections/nuregs/staff/sr1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

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
 C RENEWAL OF LICENSE NUMBER

47-24837-01

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

John McKittrick, Plant Manager
95 MacCorkle Ave. SW
South Charleston, WV 25303

3 ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Clearon Corp.
95 MacCorkle Ave, SW
South Charleston, WV 25303

4 NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Amanda Marcks, RSO

BUSINESS TELEPHONE NUMBER

(304) 746-3000

BUSINESS CELLULAR TELEPHONE NUMBER

(304) 550-8028

BUSINESS EMAIL ADDRESS

Amanda.Marcks@Clearon.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 AND 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)

*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

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 82 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

John McKittrick, Plant Manager

SIGNATURE

[Handwritten Signature]

DATE

11/1/17

FOR NRC USE ONLY

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

**Application for Material License
Renewal of License Number 47-24837-01**

5. Radioactive Material

<u>Manuf.</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Isotope</u>	<u>Activity</u>
Ohmart	SH-F1	M-5900	Cs-137	100 mCi
Ohmart	SH-F1A	1163	Cs-137	100 mCi
Kay-Ray	7062B	28658	Cs-137	100 mCi
Ohmart	SHRM	66836	Cs-137	100 mCi

6. Purpose(s) for which licensed material will be used

The fixed gauges will be used for the purposed described on the registration certificates.

7. Individual responsible for Radiation Safety Program and their training experience

Amanda Marcks—Ms. Marcks has successfully completed the training described in Criteria in the section entitle “Radiation Safety Office: in NUREG-1156, Vol. 4, “Consolidated Guidance about Materials Licenses: Program Specific Guidance about Fixed Gauge Licenses,” as of Friday October 9, 2015.

8. Training for individuals working in or frequenting restricted areas

The site has a program in place for individuals who in the course of their daily activities work in or around or frequent areas of the fixed gauges.

Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
10.3 Radiation Safety Program – Material Receipt and Accountability	<p>Physical inventories will be conducted every 6 months or at other intervals approved by the NRC to account for all sealed sources and devices received and possessed under the license.</p> <p style="text-align: center;">AND</p> <p>We will develop, implement, and maintain procedures for ensuring accountability of licensed materials at all times.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.4 Radiation Safety Program – Occupational Dose	<p>We will maintain, for inspection by the NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of the limits in 10 CFR 20.1502(a).</p> <p style="text-align: center;">OR</p> <p>We will provide and require the use of individual monitoring devices (dosimetry). All personnel dosimeters that require processing to determine the radiation dose will be processed and evaluated by a NVLAP-approved processor.</p>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
10.5 Radiation Safety Program – Public Dose	<p>The applicant is <i>not</i> required to submit a response to the public dose section in a license application. This matter will be examined during NRC inspections.</p>	Need not be submitted with application.	
10.6 Radiation Safety Program – Operating, Emergency, and Security Procedures	<p>If the gauge meets one or more of the safety conditions specified in the "Discussion" part of Section 8.10.6, "Operating, Emergency, and Security Procedures," in NUREG-1556, Volume 4, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses," state the following: Operating, emergency, and security procedures will be developed, implemented, maintained, and distributed and will meet the criteria in Section 8.10.6, "Operating, Emergency, and Security Procedures," in NUREG-1556, Volume 4, Revision 1.</p> <p style="text-align: center;">OR</p> <p>If each gauge requested does not meet any of the safety conditions specified in the "Discussion" part of Section 8.10.6, "Operating, Emergency, and Security Procedures," in NUREG-1556, Volume 4, Revision 1, provide your operating, emergency, security, and lock-out (if applicable) procedures.</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> Procedures Attached	<input type="checkbox"/>

Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
10.7 Radiation Safety Program – Leak Tests	<p>Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the SSD registration certificate. Leak tests will be performed by an organization licensed by the NRC or an Agreement State to provide leak testing services to other licensees; or using a leak test sample collection kit supplied by an organization licensed by the NRC or an Agreement State to provide leak test kits and/or sample analysis services to other licensees and according to the kit supplier's instructions. Records of leak test results will be maintained.</p> <p style="text-align: center;">OR</p> <p>We will implement the model leak test program in Appendix I of NUREG-1556, Volume 4, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses." Records of leak tests will be maintained.</p>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> For this item, checking this box indicates that alternative equipment and/or procedures will be provided as part of the application and that records of leak tests will be maintained.
10.8 Radiation Safety Program – Maintenance	<p>ROUTINE MAINTENANCE We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's or distributor's written recommendations and instructions.</p> <p>NONROUTINE MAINTENANCE OPERATIONS The gauge manufacturer, distributor, or other person authorized by the NRC or an Agreement State will perform nonroutine operations such as installation, initial radiation survey, repair and maintenance of radiological safety components, relocation, replacement, alignment, removal from service, and disposal of sealed sources.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> The information listed in Appendix J of this NUREG, "Information Needed to Support Applicant's Request to Perform Nonroutine Operations," is attached.
10.9 Radiation Safety Program – Transportation	The applicant is <i>not</i> required to submit a response about transportation during the licensing process. The NRC will review this issue during inspection.	Need not be submitted with application.	

Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
10.10 Radiation Safety Program – Fixed Gauges Used at Temporary Job Sites	<p>We will not use fixed gauges at temporary jobsites.</p> <p style="text-align: center;">OR</p> <p>We will address the use of fixed gauges at temporary jobsites in our operating, emergency, and security procedures developed in accordance with the Criteria in Section 8.10.6, “Operating, Emergency, and Security Procedures,” of NUREG-1556, Volume 4, Revision 1, “Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses.” Copies of these procedures will be provided to all gauge users and will be available at all temporary jobsites.</p>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
10.11 Radiation Safety Program – Security Program for Category 1 and Category 2 Radioactive Material	The applicant is <i>not</i> required to submit a response to the security program section in a license application. This matter will be examined during NRC inspections.	Need not be submitted with application.	
11. Waste Management – Gauge Disposal & Transfer	The applicant is <i>not</i> required to submit a response about waste management during the licensing process; however, the licensee should establish and include gauge transfer and waste disposal procedures in its radiation protection program.	Need not be submitted with application.	