


NRC FORM 313 <small>06-2010</small> <small>15 OCT 16 22 33 54</small> <small>25 36 37 35 and 40</small>		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMS: NO. 3160-0120		EXPIRES: 08/30/2018	
		APPLICATION FOR MATERIALS LICENSE		<small>Estimated time to process to comply with this mandatory condition request: 4.3 hours. Submission 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 concerns regarding this estimate to the FOIA, Privacy, and Information Collection Branch (T-6 FEV), U.S. Nuclear Regulatory Commission, Washington, DC 20545-0061, or by e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NRC-1002, (315) 0123, Office of Management and Budget, Washington, DC 20503. If a request is made 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.</small>			
INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1856 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/r1856/. 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 20545-0061				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 2845 WARRENVILLE ROAD, SUITE 210 Lisle, IL 60532-4532			
ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, HAWAII, ILLINOIS, KANSAS, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,				IF YOU ARE LOCATED IN: 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: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2106 RENAISSANCE BOULEVARD, SUITE 100 KING OF PRUSSIA, PA 19386-2713				SEND APPLICATIONS TO: NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1000 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) <input type="checkbox"/> A NEW LICENSE <input type="checkbox"/> B AMENDMENT TO LICENSE NUMBER <input checked="" type="checkbox"/> C RENEWAL OF LICENSE NUMBER <u>13-16598-01</u>				2. NAME AND MAILING ADDRESS OF APPLICANT (include ZIP code) Federal Cartridge Company P.O. Box 1151 Richmond, Indiana 47375			
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED 232 Industrial Pkwy Richmond, Indiana 47374				4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Gerard Harris BUSINESS TELEPHONE NUMBER (765) 966-7745 BUSINESS CELLULAR TELEPHONE NUMBER BUSINESS EMAIL ADDRESS Gerard.harris@Vistaoutdoor.com			
SUBMIT ITEMS 5 THROUGH 11 ON 9-1/2 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.			
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS				7. INDIVIDUALS RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.			
10. RADIATION SAFETY PROGRAM				9. FACILITIES AND EQUIPMENT.			
12. LICENSE FEES (Fees required only for new applications, with few exceptions). (See 10 CFR 170 and 171 and 172.) (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 BORN OF 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 CONFORMANCE WITH PARTS 19, 20 OF FEDERAL REGULATIONS, PARTS 30, 32, 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. KNOWING 18 U.S.C. SECTION 1021 ACT OF JUNE 25, 1949 (62 STAT. 749) MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THIS UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.							
CERTIFYING OFFICER - TYPE PRINTED NAME AND TITLE Gerard Harris / Plant Superintendent / Radiation Safety Officer				SIGNATURE		DATE	
FOR NRC USE ONLY							
TYPE OF FEE		FEE LOG		FEE CATEGORY		AMOUNT RECEIVED	
APPROVED BY		DATE		WORK NUMBER		COMMENTS	

Model Delegation of Authority

Memo To: Radiation Safety Officer
From: Chief Executive Officer
Subject: Delegation of Authority

You, Gerard Harris, have been appointed radiation safety officer and are responsible for ensuring the safe and secure use of radiation. You are responsible for managing the Radiation Protection Program, identifying radiation protection problems, initiating, recommending, or providing corrective actions, verifying implementation of corrective actions, stopping unsafe activities, and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations, when justified, to maintain radiation safety. You are required to notify management if staff does not cooperate and does not address radiation safety issues. In addition, you are free to raise issues with the U.S. Nuclear Regulatory Commission at any time. It is estimated that you will spend _____ hours per week conducting radiation protection activities.

Tim Cunningham

8/2/16

Signature of Management Representative
I accept the above responsibilities,

Date

Gerard Harris

8/2/16

Signature of Radiation Safety Officer

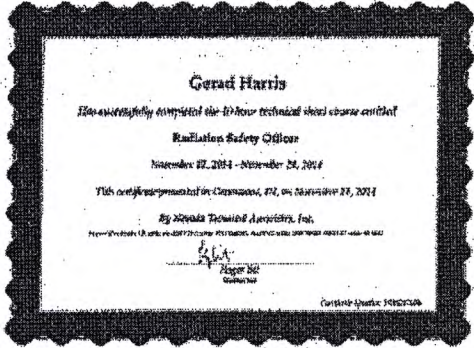
Date

cc: Affected department heads

Items 5 & 6: Materials to be possessed and proposed uses

Yes	No	Radionuclide	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Registration Certificate	Specify Other uses not listed on SSD Registration Certificate
X		Isotype : CS-137	Device : Kay Ray/Sensall, Model 7062 25mc.	1	Level Measuring System	None
X		CS-137	Kay Ray/Sensall, Model 7062 50mc.	1	Level Measuring System	None

Items 7 through 11 : Training and experience, Facilities and Equipment, Radiation Safety Program, and Waste Disposal

<p>7. The Radiation Safety Officer is Gerad Harris, Plant Superintendent. Attended a training program sponsored by Nevada Technical Associates Inc. on November 17, 2014 – November 21, 2014 40 hr. course entitled Radiation Safety Officer.</p>	
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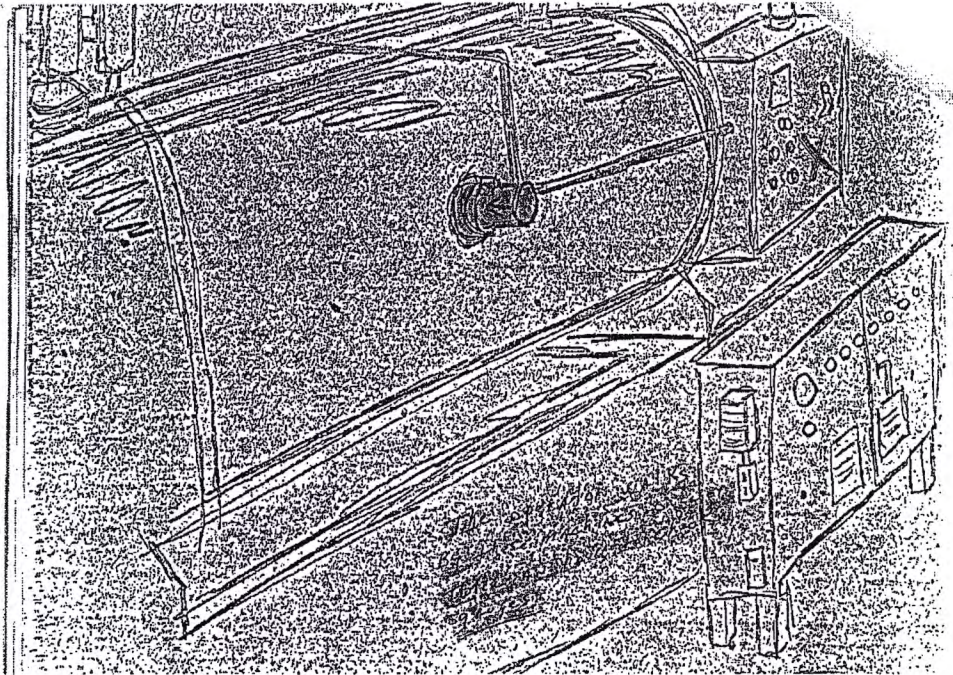
8. All supervisors have received follow up training and instructions in the operation and use of our level metering gauges. This training consisted of: lock-out procedure when maintenance is required inside the vessels, emergency procedure to be followed after damage to source holders, general monitoring of source holders, who performs maintenance and leak test on source holders. RSO Gerad Harris conducted this training.

**Emergency Procedure To Be Followed After Damage
To Kay Ray/Sensall Source Holders**

1. This procedure applies to all instances where damage is incurred by the source holder due to such action as fire, etc.
2. Immediately rope off the area around the source holder to a minimum of thirty (30) feet in diameter.
3. Inform plant Radiation Safety Officer, Gerad Harris, or person responsible for the use of the source as to the situation.
4. Inform by phone the proper regional AEC office of the accident (see below).
5. Notify Kay Ray/Sensall, Inc. at 1-800-323-7594 if their assistance is desired.
6. Limit access to source head until a radiation survey and source wipe can be performed by a qualified personnel or a representative of Kay Ray/Sensall, Inc.

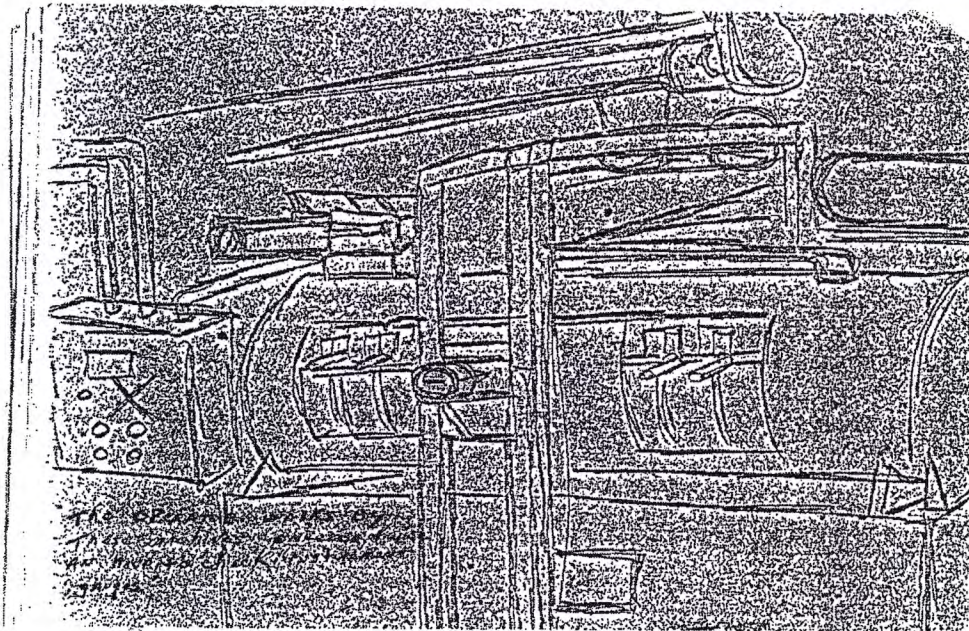
Region	Address	Telephone #
III Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, and Wisconsin	U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	1-(800)-522-3025

9. Attached is a sketch of the source head and its location.



We will ensure that the location of each fixed gauge meets the criteria in section 8.9, "facilities and equipment" in NUREG Volume 4, Revision 1, "Consolidated Guidance About Fixed Gauge Licenses."

9. Attached is a sketch of the source head and its location.



We will ensure that the location of each fixed gauge meets the criteria in section 8.9, "facilities and equipment" in NUREG Volume 4, Revision 1, "Consolidated Guidance About Fixed Gauge Licenses."

10.1 Need not be submitted

10.2 Radiation survey meter will be calibrated by the manufacturer or other person authorized by the NRC or an Agreement State to perform radiation survey meter calibrations.

10.3 Physical inventories will be conducted every 6 months to account for all sealed sources and devices received and possessed under the license.

10.4 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).

10.5 Need not be submitted

10.6

Emergency Procedure To Be Followed After Damage
To Kay Ray/Sensall Source Holders

1. This procedure applies to all instances where damage is incurred by the source holder due to such action as fire, etc.
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3. Inform plant Radiation Safety Officer, Gerad Harris, or person responsible for the use of the source as to the situation.
4. Inform by phone the proper regional AEC office of the accident (see below).
5. Notify Kay Ray/Sensall, Inc. at 1-800-323-7594 if their assistance is desired.
6. Limit access to source head until a radiation survey and source wipe can be performed by a qualified personnel or a representative of Kay Ray/Sensall, Inc.

Region	Address	Telephone #
III Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, and Wisconsin	U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	1-(800)-522-3025

Lock-out Procedures For Level Meters

If or when maintenance is required inside the vessels, (Mixers), the following lock-out procedure will be employed to prevent personnel access with the source in the "measure" position.

1. The doors to the vessel (mixer) will have padlocks on them at all times, with a key kept by the Radiation Safety Officer or responsible personnel designated.

2. If operating personnel desire access into the vessel, the Radiation Safety Officer or responsible designated, will be notified.

3. Radiation Safety Officer, or responsible personnel designated, then will make sure that the heads are locked in the store position before allowing the access doors to be opened and maintenance performed.

4. When maintenance is finished, the Radiation Safety Officer or responsible personnel designated, will then be notified.

5. The Radiation Safety Officer or responsible personnel designated, will then close the access doors and lock them with padlocks.

6. The Radiation Safety Officer or responsible personnel designated will then unlock the source and return it back to the measure position.

10.7 Leak test are presently being performed on three (3) year intervals and request to be continued on the same schedule. Last leak test was performed on September 16, 2013 by RSO Neil McDivitt using Model # 7805 leak test kits sent to Champion Target by Kay Ray/Sensall, 1400 Business Center Drive Mt. Prospect, Illinois 60056, USA.

10.8 We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturers or distributors written recommendations and instructions.

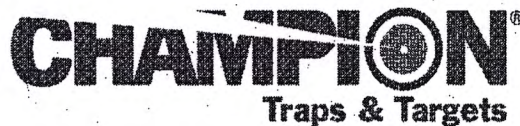
10.9 Need not be submitted

10.10 We will not use fixed gauges at temporary job sites.

10.11 Need not be submitted

11. . Disposal will be by transfer to a licensee specifically authorized to possess the radioactive material.

Champion Target
PO Box 1151
Richmond, IN 47375
Phone: 765-966-7745
Fax: 765-966-7747



Fax

To: Toye Simmons From: Gerad Harris
 Fax: 630-515-1078 Date: 8/19/16
 Phone: _____ Pages: 9
 Re: _____ CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

Revised as requested