



Countrymark Refining and Logistics, LLC  
6701 Lower New Harmony Road  
Mt. Vernon, IN 47620  
Tel (800) 832-5490  
[www.countrymark.com](http://www.countrymark.com)

June 21, 2022

Mr. Jason M Kelly, MPH  
Health Physicist  
US NRC Region 3  
Materials Licensing Branch  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4352

**Re: NRC License # 13-26261-01  
Renewal & Amendment to License 13-26261-01**

Dear Mr. Kelly,

Countrymark Refining and Logistics, LLC (Refinery) is submitting this letter regarding license amendment of our existing NRC License # 13-26261-01. The Fit for Service Assessment was completed on June 20<sup>th</sup>, 2022. The following sources are to be added:

- |          |      |                |         |                    |
|----------|------|----------------|---------|--------------------|
| • Cs-137 | Vega | SHF-1B Holder  | 3-20mCi | Acid Storage Level |
| • Cs-137 | Vega | SHF-1B Holder  | 1-10mCi | Acid Density       |
| • Cs-137 | Vega | SHLM-CP Holder | 13-5mCi | Acid Settler Level |

Please find attached:

1. The NRC Form 313 Indicating a need for an amendment to NRC License # 13-26261-01 is attached. (See Appendix A)
2. The completed NUREG- Vol. 4 Rev 1 Appendix B items 5 through 11 (See Appendix B)

Please e-mail ([Benny.Tennyson@countrymark.com](mailto:Benny.Tennyson@countrymark.com)) or call (812-838-8172) if you have any questions.

Sincerely,

Benny Tennyson

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ML22186A077

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# APPENDIX A

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<b>NRC FORM 313</b> (01-2020) 10 CFR 30, 32, 33, 34, 35, 36, 37, 39, and 40	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>    <b>APPLICATION FOR MATERIALS LICENSE</b>	<b>APPROVED BY OMB: NO. 3160-0120</b>  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 Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to <a href="mailto:InfoCollects.Resource@nrc.gov">InfoCollects.Resource@nrc.gov</a> , 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.																		
<b>INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <a href="http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/">http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/</a>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.</b>																				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; vertical-align: top;"> <b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b>             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   <b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b>   <b>IF YOU ARE LOCATED IN:</b>             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,   <b>SEND APPLICATIONS TO:</b>            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         </td> <td style="width:50%; vertical-align: top;"> <b>IF YOU ARE LOCATED IN:</b>             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   <b>IF YOU ARE LOCATED IN:</b>             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,   <b>SEND APPLICATIONS TO:</b>            NUCLEAR MATERIALS LICENSING BRANCH            U.S. NUCLEAR REGULATORY COMMISSION, REGION IV            1600 E. LAMAR BOULEVARD            ARLINGTON, TX 76011-4511         </td> </tr> </table>			<b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b>  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  <b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b>  <b>IF YOU ARE LOCATED IN:</b>  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,  <b>SEND APPLICATIONS TO:</b> 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	<b>IF YOU ARE LOCATED IN:</b>  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  <b>IF YOU ARE LOCATED IN:</b>  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,  <b>SEND APPLICATIONS TO:</b> NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511																
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<b>13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.</b>  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.																				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; vertical-align: top;"> <b>CERTIFYING OFFICER – TYPED/PRINTED NAME AND TITLE</b>             Benny Tennyson Electrical Instrumentation PM &amp; RSO         </td> <td style="width:30%; vertical-align: top;"> <b>SIGNATURE</b>   </td> <td style="width:20%; vertical-align: top;"> <b>DATE</b>            6/22/2022         </td> </tr> </table>			<b>CERTIFYING OFFICER – TYPED/PRINTED NAME AND TITLE</b>  Benny Tennyson Electrical Instrumentation PM & RSO	<b>SIGNATURE</b> 	<b>DATE</b> 6/22/2022															
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**CountryMark.**

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# APPENDIX B

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**APPENDIX B**

**SUGGESTED FORMAT FOR PROVIDING INFORMATION REQUESTED IN  
ITEMS 5 THROUGH 11 OF  
U.S. NUCLEAR REGULATORY COMMISSION FORM 313**

**SUGGESTED FORMAT FOR PROVIDING INFORMATION REQUESTED IN  
ITEMS 5 THROUGH 11 OF  
U.S. NUCLEAR REGULATORY COMMISSION FORM 313**

**Items 5 and 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
Yes		Isotope (Specify):  Cs-137	Device manufacturer (or distributor) and model number:  Vega Americas Inc SHF SHF1B-020-45D-XXX-31	Specify activity per source and number of gauges requested.  20mCi per source Total 60mCi	Yes <input checked="" type="checkbox"/> Specific description of the gauge use:  Level measurements in acid storage	<input checked="" type="checkbox"/> Not applicable  <input type="checkbox"/> Uses are:  (Submit safety analysis supporting safe use)
Yes		Isotope (Specify):  Cs-137	Device manufacturer (or distributor) and model number:  Vega Americas SHLM-CP SHLM.CP1A4 DMMMM4UX	Specify activity per source and number of gauges requested.  5mCi per source Total 65mCi	Yes <input checked="" type="checkbox"/> Specific description of the gauge use:  Level measurements in acid settler	<input checked="" type="checkbox"/> Not applicable  <input type="checkbox"/> Uses are:  (Submit safety analysis supporting safe use)
Yes		Isotope (Specify):  Cs-137	Device manufacturer (or distributor) and model number:  Vega Americas SHF SHF1B-010-00D-XXX-31	Specify activity per source and number of gauges requested.  10mCi per source Total 10mCi	Yes <input checked="" type="checkbox"/> Specific description of the gauge use:  Level measurements in acid density	<input checked="" type="checkbox"/> Not applicable  <input type="checkbox"/> Uses are:  (Submit safety analysis supporting safe use)
NO		Is financial assurance required? If yes, submit evidence of financial assurance.				

**NOTE: Copy and attach additional pages as needed.**

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

Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
<p>7. Individual(s) Responsible For Radiation Safety Program and Their Training and Experience</p> <p>7.1 Radiation safety officer</p> <p>Name: <u>Benny Tennyson</u></p>	Documentation demonstrating the proposed radiation safety officer's training and experience (e.g., certificate of completion of the RSO's course and/or the authorized user's course).	<p>Submit applicable documentation.</p> <p>Current RSO For License Number 13-26261-01</p>	
<p>7. Individual(s) Responsible For Radiation Safety Program and Their Training and Experience</p> <p>7.2 Authorized users</p>	Before using licensed materials, authorized users will have successfully completed one of the training courses described in the "Criteria" part of the section titled, "Authorized Users" in NUREG-1556, Volume 4, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses."	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>8. Training for Individuals Working In or Frequenting Restricted Areas</p>	The applicant is <i>not</i> required to and should not submit its training program for individuals who in the course of employment are likely to receive occupational doses of radiation in excess of 1 mSv (100 mrem) in a year (occupationally exposed workers) and ancillary personnel to the NRC for review during the licensing phase.	Need not be submitted with application.	





Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
10.3 Radiation Safety Program – Material Receipt and Accountability	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.  <b>AND</b>  We will develop, implement, and maintain procedures for ensuring accountability of licensed materials at all times.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.4 Radiation Safety Program – Occupational Dose	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).  <b>OR</b>  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.	<input checked="" type="checkbox"/>  <input type="checkbox"/>	<input type="checkbox"/>
10.5 Radiation Safety Program – Public Dose	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.	Need not be submitted with application.	
10.6 Radiation Safety Program – Operating, Emergency, and Security Procedures	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.  <b>OR</b>  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.	<input checked="" type="checkbox"/>  <input type="checkbox"/> Procedures Attached	<input type="checkbox"/>



