



**SPECTRUM TECHNIQUES, L.L.C.**

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Oak Ridge, TN 37830  
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Web: [www.spectrumtechniques.com](http://www.spectrumtechniques.com)

February 2, 2021

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

**License No. 41-23845-01E**  
**Docket No. 030-34126**

**Subject:** Renewal of U.S. Nuclear Regulatory Commission (NRC) Exempt-Distribution Materials License

To Whom It May Concern:


To satisfy the requirements for renewal of our Nuclear Regulatory Commission (NRC) Exempt-Distribution Materials License, we have reviewed the documents submitted to the NRC in the past and determined that the information is up to date and accurately represents the current licensed activities and products.

If you have any questions, please feel free to contact me at [d.sims@spectrumtechniques.com](mailto:d.sims@spectrumtechniques.com) or (865) 482-9937.

Sincerely,

Daniel M. Sims  
Radiation Protection Manager  
Spectrum Techniques, LLC.

REC RG 1 02 08 21 PM 1251

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| <b>NRC FORM 313</b><br>(01-2020)<br>10 CFR 30, 32,<br>33, 34, 35, 36,<br>37, 39, and 40 | <br><b>U.S. NUCLEAR REGULATORY COMMISSION</b><br><br><b>APPLICATION FOR MATERIALS LICENSE</b> | <b>APPROVED BY OMB: NO. 3150-0120</b><br><br>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>EXPIRES: 01/31/2023</b> |
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**INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1566 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/sr1566/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

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| <b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b><br><br>MATERIALS SAFETY LICENSING BRANCH<br>DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS<br>OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS<br>U.S. NUCLEAR REGULATORY COMMISSION<br>WASHINGTON, DC 20555-0001  | <b>IF YOU ARE LOCATED IN:</b><br><br><b>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</b><br><br>MATERIALS LICENSING BRANCH<br>U.S. NUCLEAR REGULATORY COMMISSION, REGION III<br>2443 WARRENVILLE ROAD, SUITE 210<br>LISLE, IL 60532-4352 |
| <b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b><br><br><b>IF YOU ARE LOCATED IN:</b><br><br>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>IF YOU ARE LOCATED IN:</b><br><br>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><br>LICENSING ASSISTANCE TEAM<br>DIVISION OF NUCLEAR MATERIALS SAFETY<br>U.S. NUCLEAR REGULATORY COMMISSION, REGION I<br>2100 RENAISSANCE BOULEVARD, SUITE 100<br>KING OF PRUSSIA, PA 19406-2713   | <b>SEND APPLICATIONS TO:</b><br>NUCLEAR MATERIALS LICENSING BRANCH<br>U.S. NUCLEAR REGULATORY COMMISSION, REGION IV<br>1600 E. LAMAR BOULEVARD<br>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.**

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| 1. THIS IS AN APPLICATION FOR (Check appropriate item)<br><input type="checkbox"/> A. NEW LICENSE<br><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER<br><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <span style="float: right; border-bottom: 1px solid black; padding: 0 20px;">41-23845-01E</span> | 2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)<br><br><b>SPECTRUM TECHNIQUES, LLC</b><br><b>106 UNION VALLEY ROAD</b><br><b>OAK RIDGE, TN 37830</b> |
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| 3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED<br><br><b>106 UNION VALLEY ROAD</b><br><b>OAK RIDGE, TN 37830</b> | 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION<br><b>DANIEL SIMS, RADIATION PROTECTION MANAGER</b>   |  |  |   |  |
|   | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">BUSINESS TELEPHONE NUMBER<br/><b>865-482-9937</b></td> <td style="width:50%;">BUSINESS CELLULAR TELEPHONE NUMBER<br/><b>N/A</b></td> </tr> <tr> <td colspan="2">BUSINESS E-MAIL ADDRESS<br/><b>D.SIMS@SPECTRUMTECHNIQUES.COM</b></td> </tr> </table> | BUSINESS TELEPHONE NUMBER<br><b>865-482-9937</b> | BUSINESS CELLULAR TELEPHONE NUMBER<br><b>N/A</b> | BUSINESS E-MAIL ADDRESS<br><b>D.SIMS@SPECTRUMTECHNIQUES.COM</b> |  |
| BUSINESS TELEPHONE NUMBER<br><b>865-482-9937</b>  | BUSINESS CELLULAR TELEPHONE NUMBER<br><b>N/A</b>   |  |  |   |  |
| BUSINESS E-MAIL ADDRESS<br><b>D.SIMS@SPECTRUMTECHNIQUES.COM</b>   |  |  |  |   |  |

**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<br>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. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.   | 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*)<br>(See 10 CFR 170 and Section 170.31)<br>*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee. | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">FEE CATEGORY</td> <td style="width:50%; text-align: center;">AMOUNT ENCLOSED \$</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table> | FEE CATEGORY | AMOUNT ENCLOSED \$ |  |  |
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|   |  |              |                    |  |  |

**PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>**

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

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

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

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| CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE<br><b>ROGER K. STEVENS, PRESIDENT</b> | SIGNATURE<br> | DATE<br><b>2/2/2021</b> |
|--|---|-------------------------|

| FOR NRC USE ONLY |         |              |                 |              |          |
|------------------|---------|--------------|-----------------|--------------|----------|
| TYPE OF FEE      | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|                  |         |              | \$              |              |          |
| APPROVED BY      |         |              |                 | DATE         |          |