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| <b>NRC FORM 313</b><br>(8-1989)<br>10 CFR 30, 32, 33<br>34, 35, 36, 39 and 40   | <b>U. S. NUCLEAR REGULATORY COMMISSION</b> | APPROVED BY OMB: NO. 3150-0120<br>EXPIRES: 08/31/2002  | Estimated burden per response to comply with this mandatory information collection request: 7.4 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 Records Management Branch (T-8 EB), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to brs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-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, NRC may not conduct or sponsor, and a person is not required to respond to, the information collection. |
| <b>APPLICATION FOR MATERIAL LICENSE</b>   |  |  |  |
| <b>INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.</b>   |  |  |  |
| <b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b><br><br>DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY<br>OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS<br>U. S. NUCLEAR REGULATORY COMMISSION<br>WASHINGTON, DC 20555-0001<br><br><b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b><br><b>IF YOU ARE LOCATED IN:</b><br><br>CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:<br><br>LICENSING ASSISTANT SECTION<br>NUCLEAR MATERIALS SAFETY BRANCH<br>U.S. NUCLEAR REGULATORY COMMISSION, REGION I<br>475 ALLENDALE ROAD<br>KING OF PRUSSIA, PA 19406-1415<br><br>ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:<br><br>SAM NUNN ATLANTA FEDERAL CENTER<br>U. S. NUCLEAR REGULATORY COMMISSION, REGION II<br>81 FORSYTH STREET, S.W., SUITE 23785<br>ATLANTA, GEORGIA 30303-8931<br><br><b>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.</b> |  | <b>IF YOU ARE LOCATED IN:</b><br>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:<br><br>MATERIALS LICENSING SECTION<br>U. S. NUCLEAR REGULATORY COMMISSION, REGION III<br>801 WARRENVILLE RD.<br>LISLE, IL 60532-4351<br><br>ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:<br><br>NUCLEAR MATERIALS LICENSING SECTION<br>U. S. NUCLEAR REGULATORY COMMISSION, REGION IV<br>611 RYAN PLAZA DRIVE, SUITE 400<br>ARLINGTON, TX 78011-8084<br><br><div style="text-align: right;"> <b>N4583</b><br/><br/> <b>LL 31269</b><br/> <b>03037532</b><br/> <b>03121</b><br/><br/> <b>(19-31269-01)</b> </div> |  |
| 1. THIS IS AN APPLICATION FOR (Check appropriate item)<br><input checked="" type="checkbox"/> A. NEW LICENSE<br><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____<br><input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____  |  | 2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)<br><b>CCS Mid-Atlantic LLC</b><br><b>1202 Technology Drive</b><br><b>Suite D</b><br><b>Aberdeen, MD 21001</b>  |  |
| 3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED<br><b>1202 Technology Drive</b><br><b>Suite D</b><br><b>Aberdeen MD 21001</b>  |  | 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION<br><b>IRVIN Fischer</b><br>TELEPHONE NUMBER<br><b>410-297-8108</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. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.  |  | 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.  |  |
| 9. FACILITIES AND EQUIPMENT.  |  | 10. RADIATION SAFETY PROGRAM.  |  |
| 11. WASTE MANAGEMENT.   |  | 12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)<br>FEE CATEGORY <b>3P</b> AMOUNT ENCLOSED <b>\$1400-</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.<br><br>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, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.<br><br>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<br><b>David A. Patron, Jr.</b>  |  | SIGNATURE<br><b>David A. Patron</b>  |  |
| DATE<br><b>8/17/2007</b>  |  |  |  |
| <b>FOR NRC USE ONLY</b>   |  |  |  |
| TYPE OF FEE   | FEE LOG                                    | FEE CATEGORY   | AMOUNT RECEIVED  |
|   |  |  | \$   |
| APPROVED BY   |  | DATE   |  |
|   |  |  |  |

 RECEIVED  
 REGION I

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**Item #5-Radioactive Material-**

|                         |   |                                       |
|-------------------------|---|---------------------------------------|
| Cesium-137              | Sealed Source<br>(Troxler Electronic Labs Inc.<br>dwg A-102112)   | No source to exceed 8<br>millicuries  |
| Americium-241:Beryllium | Sealed Source<br>(Troxler Electronic Labs Inc<br>dwg A-102451)  | No source to exceed 40<br>millicuries |
| Americium-241:Beryllium | <u>Amersham Corporation</u><br>Model # AMNV.997 Capsule<br>type: X.1<br><u>Isotope Product Laboratories</u><br>Model Nos.3021 or 3027   | No source to exceed 40<br>millicuries |
| Cesium-137              | Sealed Source (CPN 131)   | No source to exceed 10<br>millicuries |
| Americium-241:Beryllium | Sealed Source (CPN 131)   | No source to exceed 50<br>millicuries |
| Cesium-137              | <u>Amersham Corporation</u><br>Model # CDCW556 Capsule<br>type: X.1218<br>Model # CDCW556 Capsule<br>type: XN.30<br><br><u>Isotope Product Laboratories</u><br>Model # HEG-0058 Capsule<br>type: 3024 | No source to exceed 8<br>millicuries  |

Total number of Campbell Pacific Nuclear MC Series is 2-each and Total number of Troxler 3400 Series is 10-each With no plans to purchase more in the near future.

**Item #6-Purpose for which licensed material will be used:**

For use in Campbell Pacific Nuclear MC Series and Troxler 3400 Series moisture/density gauges to measure construction materials.

**Item #7-Individuals responsible for radiation safety program and their training experience:**

The RSO will have completed one of the training courses described in criteria in the section entitled- Individuals responsible for radiation safety program and their training experience- Radiation Safety Officer in NUREG 1556, Vol.1 Rev.1. Dated November 2001. The radiation safety program and training shall be under the supervision of Irvin Fischer

**Item #8 Training for individuals working in or frequenting restricted areas:**

Before using licensed materials, authorized users will have successfully completed one of the training courses described in Criteria in the section entitled – Training for individuals working in or frequenting restricted areas in NUREG 1556, Vol.1 Rev.1. Dated November 2001.

**Item #9 Facilities and equipment**

Not required at this time

**Item #10 Radiation Safety Program**

We possess and use a radiation survey meter that meets the criteria in the section entitled Radiation Safety Program Instruments- NUREG 1556, Vol.1 Rev.1. Dated November 2001.

Physical inventories are conducted at intervals not to exceed 6-months to account for all sealed sources and devices received and possessed under the license.

We provide dosimetry processed and evaluated by an NVLAP approved processor that is exchanged at a frequency recommended by the processor.

Operating and emergency procedures have been developed, implemented and maintained and will meet the criteria in the section entitled Radiation Safety Program – Operating and Emergency procedures in NUREG 1556, Vol.1 Rev.1. Dated November 2001.

Leak test will be performed at intervals approved by NRC or an agreement State and specified in the sealed source and device registration sheet. Leak test will be performed by using a leak test kit supplied by an organization authorized by NRC or an agreement State to provide leak test kits to other licensees and according to the kits suppliers instructions.

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

We will send the gauges to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or the source rod from the gauge.

**Item #11 Waste Management – Gauge Disposal and Transfer**

Not required at this time

This is to acknowledge the receipt of your letter/application dated

8/17/2007, and to inform you that the initial processing which includes an administrative review has been performed.

☒ NEW LICENSE APPLICATION (03037532)  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 140956.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

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      :          (FOR LFMS USE)
      :          INFORMATION FROM LTS
      :          -----
      :
      : Program Code: 03121
      : Status Code: 3
      : Fee Category: _____
      : Exp. Date: 0
      : Fee Comments: _____
      : Decom Fin Assur Req'd: _
      : .....

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A. REGION 2

Applicant/Licensee: ECS MID-ATLANTIC, LLC  
Received Date: 20070820  
Docket No: 3037532  
Control No.: 140956  
License No.: 19-31269-01  
Action Type: New Licensee

Amount: \$1,400.00  
Check No.: 4262

Signed M. C. Lubina  
Date 3/20/2007

1. Fee Category and Amount: \_\_\_\_\_

Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_

3. OTHER \_\_\_\_\_

Signed \_\_\_\_\_  
Date \_\_\_\_\_