



HUMAN HEALTH | ENVIRONMENTAL HEALTH

PerkinElmer, Inc.
710 Bridgeport Ave, M/S 221
Shelton, CT 06484
USA

Phone 203.402.1999
Fax 203.925.4666
www.perkinelmer.com

11/28/2017

Br. 2

Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region 1
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

SUBJECT: LICENSE AMENDMENT – ADMINISTRATIVE ONLY
LICENSE #: 06-02135-08 03003776

REC-06-12-01-17M1017

Enclosed please find PerkinElmer's amendment request for license number 06-02135-08.

The following supporting documents have been included:

1. NRC Form 313
2. NRC Form 313 items 5-11

We are requesting the following administrative amendments only:

1. Use/Control/Supervision Names – see asterisk and details under Part 7 in attached supplemental section

If there are any questions please contact me.

Elizabeth Cantas | Environmental, Health and Safety Manager | Radiation Safety Officer
PerkinElmer | For the Better
elizabeth.cantas@perkinelmer.com
Office: +1 203.402.1999 | Fax: +1 203.925.4666 | Mobile: +1 203.615.3378
710 Bridgeport Ave, Shelton, CT 06484 USA

NRC FORM 313 (10-2017) 10 CFR 30, 32, 33, 34, 35, 36, 37, 39, and 40	U.S. NUCLEAR REGULATORY COMMISSION APPLICATION FOR MATERIALS LICENSE	APPROVED BY OMB: NO. 3150-0120 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-2 F43), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollections.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.				
EXPIRES: 06/30/2019						
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-rm/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 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: 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) <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>06-02135-08</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____	2. NAME AND MAILING ADDRESS OF APPLICANT (include zip code) PerkinElmer Health Sciences, Inc. 710 Bridgeport Ave Shelton, CT 06484 Attn: Elizabeth Cantas, M/S 221					
3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED PerkinElmer 28 Ayer Rajah Crescent, #04-01, Singapore 139959	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Elizabeth Cantas <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">BUSINESS TELEPHONE NUMBER 203-402-1999</td> <td style="width: 50%;">BUSINESS CELLULAR TELEPHONE NUMBER 203-615-3378</td> </tr> <tr> <td colspan="2">BUSINESS E-MAIL ADDRESS elizabeth.cantas@perkinelmer.com</td> </tr> </table>		BUSINESS TELEPHONE NUMBER 203-402-1999	BUSINESS CELLULAR TELEPHONE NUMBER 203-615-3378	BUSINESS E-MAIL ADDRESS elizabeth.cantas@perkinelmer.com	
BUSINESS TELEPHONE NUMBER 203-402-1999	BUSINESS CELLULAR TELEPHONE NUMBER 203-615-3378					
BUSINESS E-MAIL ADDRESS elizabeth.cantas@perkinelmer.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.					
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.	7. INDIVIDUAL(S) 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 Section 170.31) *Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.	11. WASTE MANAGEMENT.					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">FEE CATEGORY</td> <td style="width: 20%;">AMOUNT ENCLOSED \$</td> <td style="width: 20%;"></td> </tr> </table>			FEE CATEGORY	AMOUNT ENCLOSED \$		
FEE CATEGORY	AMOUNT ENCLOSED \$					
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.						
CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE Elizabeth Cantas Environmental, Health and Safety Manager, RSO	SIGNATURE 	DATE 4/28/17				
FOR NRC USE ONLY						
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS	
APPROVED BY _____				DATE _____		

Supplement to: NRC FORM 313 APPLICATION FOR MATERIALS LICENSE –
AMENDMENT TO LICENSE #06-02135-08

5. RADIOACTIVE MATERIAL

SEALED SOURCE

Radionuclide: Nickel 63

Form: Foil

Manufacturer: NRD (Nuclear Radiation Development Corp), 2937 Alt Boulevard,
Grand Island, NY 14072

Mfg. Part #: N-1001

Source Registration #: NR-0536-D-110-B

Source Activity: 15 millicuries

6. PURPOSE FOR WHICH LICENSED MATERIAL WILL BE USED

Gas chromatographs

**7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM
AND THEIR TRAINING EXPERIENCE**

RSO	TRAINING	TRAINING DURATION	ON THE JOB
<i>Elizabeth Cantas EH&S Manager</i>	PerkinElmer Alcoa	< 3 years 5 years	Yes Yes

OTHERS	TRAINING	TRAINING DURATION	ON THE JOB
<i>Peter Daphnis Sr. Technical Support Specialist</i>	PerkinElmer RSO with DOT Cert – <i>Dade Moeller Training Academy</i>	< 2 years 6 years	Yes Yes

* Conditions section of license (#11A): Remove names Kevin Palmer and Jeanne Raccio.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

Not applicable – no restricted areas. Only sealed sources received from supplier, NRD.

9. FACILITIES AND EQUIPMENT

Sealed sources are shipped and stored in anti-tamper source housing, model #N610-0133, N610-0063, N610-0134. Sealed sources are stored in a locked cabinet.

10. RADIATION SAFETY PROGRAM

- a) Twice yearly audit of ISO-9000 system, of which the control processes of the sealed sources are a component. Procedures below attached.
 - i. Inspection Instructions for ECD Cells
 - ii. Radioactive Package Receiving and Survey Instructions
 - iii. Wipe / Re-wipe Instructions
 - iv. Stock and Issue Instructions for ECD Cells
 - v. Review of Specific License
- b) Formal review of processes every 5 years
- c) Inventories verified quarterly
- d) Survey meter under controlled yearly calibration process
- e) Instruments properly labeled with signage and initial test results
- f) Shipping containers labeling
- g) Receipt and transfer of all devices recorded

11. WASTE MANAGEMENT

Not applicable, no waste generated.



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Elizabeth Cantas
Environmental Health & Safety Manager
and Radiation Safety Officer
PerkinElmer Health Science, Inc.
710 Bridgeport Avenue
Shelton, Connecticut 06484

Date

December 7, 2017

License Number(s)

06-02135-08

Mail Control Number(s)

601853

Licensing and/or Technical Reviewer or Branch

Commercial, Industrial, R&D, and Academic Branch

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: 11/28/2017

The initial processing, which included an administrative review, has been performed.

☒ Amendment ☐ Termination ☐ New License ☐ Renewal☒ There were no administrative omissions identified during our initial review.☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.☐ Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.☐ The following administrative omissions have been identified:

--

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, (610) 337-5239