

# Yale Environmental Health & Safety

135 College Street, Suite 100  
New Haven, Connecticut 06510-2411

Telephone: 203 785-3550  
Fax: 203 785-7588  
www.yale.edu/ehs

Br. 1

September 3, 2019

Licensing Assistance Team  
Division of Nuclear Materials Safety  
USNRC Region 1  
2100 Renaissance Blvd, Suite 100  
King of Prussia, PA 19406-2713

03038332

REC RG 1 09 30 19 AM 09 23

**Subject:** Amendment to Update Authorized Users - Yale University License # 06-00183-07

Dear Licensing Assistance Team,

Please accept this letter and attachments as a request to add Dr. Darko Pucar as an Authorized User under 10 CFR 35.100 and 10 CFR 35.200 to Yale University License # 06-00183-07. Dr. Pucar has already been identified as an Authorized User for these same uses on Yale New Haven Hospital's Medical Use license # 06-00819-03, as documented in the attached letter.

As part of this amendment request, please also remove Dr. Anton Shapoval and Dr. Raymond Russell as Authorized Users on this same Yale University License # 06-00183-07.

If you have any questions regarding this matter or need any further information, please feel free to contact me at (203) 737-2140. Thank you for your assistance.


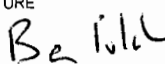
Sincerely,



Tammy Stemen, CHP  
Radiation Safety Officer  
Yale University  
tammy.stemen@yale.edu

616125

NMSS/RGN1 MATERIALS-002

<b>NRC FORM 313</b> (08-2019) 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. 3150-0120</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/rs1556/">http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/rs1556/</a>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.</b>						
<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					
<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>						
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>06-00183-07</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____	2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code) Yale University Environmental Health and Safety 135 College St. First Floor Suite 100 New Haven, CT 06510					
3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED  Yale University PET Research Center 801 Howard Avenue New Haven, CT 06510	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Tammy Stemen  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">BUSINESS TELEPHONE NUMBER 203 737 2140</td> <td style="width: 50%;">BUSINESS CELLULAR TELEPHONE NUMBER 203 410 5754</td> </tr> <tr> <td colspan="2">BUSINESS E-MAIL ADDRESS <a href="mailto:tammy.stemen@yale.edu">tammy.stemen@yale.edu</a></td> </tr> </table>		BUSINESS TELEPHONE NUMBER 203 737 2140	BUSINESS CELLULAR TELEPHONE NUMBER 203 410 5754	BUSINESS E-MAIL ADDRESS <a href="mailto:tammy.stemen@yale.edu">tammy.stemen@yale.edu</a>	
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BUSINESS E-MAIL ADDRESS <a href="mailto:tammy.stemen@yale.edu">tammy.stemen@yale.edu</a>						
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%; text-align: center;">EX</td> <td style="width: 20%;">AMOUNT ENCLOSED \$</td> <td style="width: 20%; text-align: center;">0.00</td> </tr> </table>			FEE CATEGORY	EX	AMOUNT ENCLOSED \$	0.00
FEE CATEGORY	EX	AMOUNT ENCLOSED \$	0.00			
<b>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: <a href="https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html">https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html</a></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.  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  Ben Polak, Provost	SIGNATURE  	DATE  20 Sept '14				
<b>FOR NRC USE ONLY</b>						
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED \$	CHECK NUMBER	COMMENTS	
APPROVED BY				DATE		

Yale  
NewHaven  
**Health**

Yale New Haven  
Hospital

March 18, 2019

To whom it may concern,

The purpose of this letter is to certify that Darko Pucar, M.D., Ph.D. is listed as an Authorized User (AU) by the Yale-New Haven Hospital (YNHH), Radiation Safety Committee, under NRC license 06-00819-03. YNHH is an NRC broad scope, human use licensee.

He is authorized for uptake, dilution and excretion studies (35.100), imaging and localization studies (35.200) and for all radiopharmaceutical therapies requiring a written directive (35.300, 35.390, 35.392 & 35.396) uses

If there are any questions concerning Dr. Pucar's training and experience, with regard to radionuclide licensing, please feel free to contact the YNHH Radiation Safety Office at (203) 688-2950.

Sincerely,



Michael J. Bohan  
YNHH Radiation Safety Officer

**Radiation Safety Office**  
**Radiological Physics**  
20 York St. – WWW 229  
New Haven, CT 06510  
**Phone:** (203) 688-2950  
**Fax:** (203) 688-4135

[RadiationSafetyGroup@ynhh.org](mailto:RadiationSafetyGroup@ynhh.org)



## ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

## Name and Address of Applicant and/or Licensee

Tammy Stemen, CHP  
Radiation Safety Officer  
Yale University  
Environmental Health & Safety  
135 College Street  
First Floor, Suite 100  
New Haven, Connecticut 06510-2411

## Date

October 11, 2019

## License Number(s)

06-00183-07

## Mail Control Number(s)

616125

## Licensing and/or Technical Reviewer or Branch

Medical Branch

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: 09/03/2019

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 fill out NRC Form 531, Request for Taxpayer Identification Number, located at the following link:  
<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

☐ 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:

Select a location (Use keyboard arrows to select). . .