



Pennsylvania College of Optometry

8360 Old York Road

Elkins Park, PA 19027-1598

General Information
(215) 780-1400

March 20, 2007

James Dwyer, Chief
Nuclear Materials Safety Branch 2
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

NMSB2

RE: License Number 37-28803-02

Docket No. 030-35305

Dear Sirs:

Please consider this request to amend our Material License.

Addition of New Authorized Users:

1. Teresa Duda, Ph.D. has experience and training to use the following materials: Hydrogen 3, Carbon 14, Phosphorus 32, Phosphorus 33, Sulfur 35, Calcium 45, and Iodine 125.
2. Alexandre Pertzev, Ph.D. has experience and training to use Hydrogen 3, Carbon 14, Phosphorus 32.

Removal of an Authorized User:

Douglas Brown, Ph.D. no longer works at PCO

Change in the chemical and/or physical form of Iodine 125:

Change "non-volatile compounds" to "any".

Attached is the education and training experience for the new authorized users.

Should you have any questions, please do not hesitate to contact me or Alexander Dizhoor, Ph.D., R.S.O.

Sincerely,

Felix M. Barker, II, O.D., M.S., F.A.A.O.

Associate Dean for Research and Academic Development

Attachment: training records

Shaping the Future of Vision Care

MAR 22 2007

REC'D IN LAT

140265

NMSS/RGN1 MATERIALS-002

Authorized User Statement of Training and Experience

Name: Teresa Duda, Ph.D.

Topics	On the Job or Formal course	Institution or Employer	Duration
Principles & practices of Radiation protection	On the Job	University of Tennessee Cleveland Clinic Found. PCO, UMDNJ	19 years
Radioactivity measurements, Standardizations, monitoring Techniques & instruments	On the Job	University of Tennessee Cleveland Clinic Found. PCO, UMDNJ	19 years
All Topics	On the Job	University of Tennessee Cleveland Clinic Found. PCO, UMDNJ	19 years

Use of Radiation and/or Radioisotopes:

Isotope	Maximum quantities Handled (mCi)	Institution or Employer	Type of Use	Duration
³ H	250 μ Ci	Univ. Tennessee, CCF, PCO, UMDNJ	Binding assays	19 years
¹⁴ C				
³² P	1 mCi	Univ. Tennessee, CCF, PCO, UMDNJ	DNA sequencing, DNA labeling, cross-linking	19 years
³⁵ S				
¹²⁵ I	2 mCi	Univ. Tennessee, CCF, PCO, UMDNJ	RIA, protein labeling	19 years
⁴⁵ Ca	1 mCi	UMDNJ	Protein binding	2 years

Certificate of Training

This Certifies That

Dr. Teresa Duda

has successfully completed the

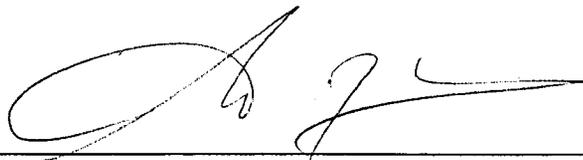
**Study of Radiation Safety and Specialized
Instructions**

(6-hours equivalent)

and passed the test for PCO RAM manual knowelege

**Radiation Safety Office at
Pennsylvania College of Optometry
8360 Old York Road, S 417
Elkins Park, PA 19027**

February 23, 2007



**Alexander Dizhoor, PhD
Radiation Safety Officer**



Authorized User Statement of Training and Experience

Name: Alexander Pertzev, Ph.D.

Topics	On the Job or Formal course	Institution or Employer	Duration
Principles & practices of Radiation protection			____ years
Radioactivity measurements, Standardizations, monitoring Techniques & instruments			____ years
All Topics	On the Job and Formal Courses	IBPM, RAS, Russia Wayne State University Temple University	1990-1999 1999-2002 2002-2006

Use of Radiation and/or Radioisotopes:

Isotope	Maximum quantities Handled (mCi)	Institution or Employer	Type of Use	Duration
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³ H	1 mCi/vial	IBPM RAS	Protein labeling	1990-1999
¹⁴ C				
³² P	0.25 mCi/vial	IBPM RAS, WSU, Temple	DNA and RNA labeling, sequencing	1990-2006
³⁵ S				
¹²⁵ I				
⁴⁵ Ca				

Certificate of Training

This Certifies That

Dr. Alexandre Bertzev

has successfully completed the

**Study of Radiation Safety and Specialized
Instructions**

(6-hours equivalent)

and passed the test for PCO RAM manual knowelege

Radiation Safety Office at
Pennsylvania College of Optometry
8360 Old York Road, S 417
Elkins Park, PA 19027

February 23, 2007


Alexander Dizhoor, PhD
Radiation Safety Officer



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

3/20/2007, and to inform you that the initial processing which includes an administrative review has been performed.

Amend. 37-28803-02
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** 140265.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.