



Centers for Disease Control
and Prevention (CDC)
National Institute for Occupational
Safety and Health - A OSH
1095 Willowdale Road
Morgantown, WV 26505-2888

February 20, 2009

Br 2

United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

03008856

REC'D FEB 25 AM 10:38

RECEIVED
FEB 25 2009

RE: Amendment of U.S. Nuclear Regulatory Commission Materials License # 47-15279-01

To Whom It May Concern:

We respectfully request the update of the referenced NRC Material License for the following items:

REQUEST #1

Item #11

Remove as supervisor or user of licensed materials: Leon F Butterworth, B.S., Michael I. Luster, Ph.D., James S. Spahr, M.P.H, and William A. Wallace, Ph.D.

DISCUSSION #1

Former users of licensed materials whose job duties have changed or are no longer employed at NIOSH Morgantown.

REQUEST #2

Item #11

Add as supervisor or user of licensed materials: Stacey E. Anderson, Ph.D.

143446

NMSS/RCM MATERIALS-002

DISCUSSION #2

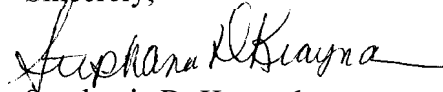
A Curriculum Vitae for the new user is attached (Appendix A). The new user has submitted protocols requesting to use the following radionuclides under the NIOSH license:

H-3; uCi amounts to detect allergic contact hypersensitivity.
Cr-51; uCi amounts used as a marker in various bioassays.

Dr. Anderson's protocols have previously been approved by the Radiation Safety Committee and the Radiation Safety Officer for use by another approved user. Dr. Anderson is currently working under the supervision of Dr. Eisuke Murono because her work has required the use of radionuclides before the NRC license amendment adding her to the Materials License. Dr. Murono is an approved user. A letter from the Radiation Safety Officer has been issued authorizing her work under the supervision of Dr. Murono.

In addition, Dr. Anderson has completed the NIOSH-Morgantown Unsealed Source Principal Investigator Training in January 2009.

Sincerely,



Stephanie D. Kraynak
Radiation Safety Officer

cc: Daniel A. Browning, Operations Officer
File

APPENDIX A

STACEY E. ANDERSON, Ph.D.

National Institute for Occupational Safety and Health
Centers for Disease Control and Prevention

1095 Willowdale Road

Morgantown, WV, 26505

Tel: (304) 285-6174, Ext 2

Fax: (304) 285-6126

E-mail: Sanderson4@cdc.gov

EDUCATION:

Ph.D., Biology (Cellular and Molecular) 2004
West Virginia University, WV
B.A., Biology West Virginia University, WV 1998

PROFESSIONAL EXPERIENCE:

Postdoctoral Fellow, National Institute of Occupational Safety and Health (NIOSH), Health Effects Laboratory Division (HELD), Allergen and Clinical Immunology Branch (ACIB) 2004-present

COURSES TAUGHT AT WEST VIRGINIA UNIVERSTIY:

Teaching Assistant Biology 115 (Principals of Biology-lab section) 1998
Basic biology laboratory experiments

Teaching Assistant Biology 117 (Introduction to Physiology-lab section) 1999
Basic biology laboratory experiments including reproduction and

Biology 219 (The Living Cell-lab section) 1999, 2000
Examined many basic Molecular Biology techniques including gel electrophoresis, plasmid rescue, restriction enzyme digest, lac operon, etc.

Teaching Assistant Biology 104 (Introduction to Biology) 1999
Biology lab for non-biology majors, taught very basic biology lab experiments.

Teaching Assistant Biology (Recombinant DNA Technology) 2000
Very intense lab based Molecular Biology course focusing on techniques including Southern analysis, PCR genomic libraries, etc.

PEER REVIEWED PUBLICATIONS

1. Anderson S , Karandikar U , Mason N , Trott RL , Bishop CP , Bidwai AP [2003]. The Drosophila SSL Gene Is Expressed In Larvae, Pupae, and Adults, Exhibits Sexual Dimorphism, and Mimics Properties of the Beta Subunit of Casein Kinase II. *301(4):941-947.*

2. Anderson S, Wells JR, Fedorowicz A, Butterworth LF, Meade BJ, Munson AE [2007]. Evaluation of the Contact and Respiratory Sensitization Potential of Volatile Organic Compounds Generated by Simulated Indoor Air Chemistry. *Toxicol Sci* 97(2):355-363.
3. Fairley KJ, Purdy R, Kearns S, Anderson S, Meade BJ [2007]. Exposure to the Immunosuppressant, Perfluorooctanoic Acid, Enhances the Murine IgE and Airway Hyperreactivity Response to Ovalbumin. *Toxicol Sci* 97(2):375-383.
4. Anderson S, Meade BJ, Butterworth LF, Munson AE [2007]. The Humoral Immune Response of Mice Exposed to Manual Metal Arc-Stainless Steel Welding Fumes. *J Immunol* 4(1):15-23.
5. Blachere FM, Lindsley WG, Slaven JE, Green BJ, Anderson S, Chen BT, Beezhold D [2007]. Bioaerosol Sampling for the Detection of Aerosolized Influenza Virus. *Influenza Other Respir Viruses* 1(3):113-120.
6. Myers LP, Law BF, Fedorowicz A, Sussman G, Shapiro M, Siegel PD, Butterworth LF, Anderson S, Meade BJ, Beezhold D [2007]. Identification of phenolic dermal sensitizers in a wound closure tape. *J Immunol* 4:303-310.
7. Anderson S, Ham J, Munson AE [2008]. Irritancy and Sensitization Potential of Glyoxylic Acid. *J Immunol* 5(2):93-98.
8. Anderson S, Diotte NM, Munson AE, Tomblyn S, Meade BJ [2008]. The Humoral Immune Response of Mice Exposed to Simulated Road Paving-Like Asphalt Fumes. *J Immunol*. 5(3); 307-13.
9. DeWitt JC, Shnyra A, Badr MZ, Loveless SE, Hoban D, Frame SR, Cunard R, Anderson SE, Meade BJ, Luebke RW, Luster M [2008]. Immunotoxicity of PFOA and other putative PPAR α ligands. *Crit Rev Toxicol*. 2(1).
10. Anderson SE, Ham J, Jackson LG, Butterworth L, Wells JR, Munson AE [2008]. The Identification of 4-Oxopentanal as a Potential Indoor Air Irritant and Allergen. *Toxicol Sci*. [Submitted]
11. Anderson SE, Brown K, Butterworth L, Fedorowicz A, Jackson LG, Frasch H, Beezhold D, Munson AE, Meade BJ [2008]. Evaluation of Irritancy and Sensitization Potential of Metalworking Fluids and Components. *J Immunol*. [In Press]
12. Blachere F, Lindsley WG, Pearce TA, Anderson SE, Fisher M, Khakoo R, Meade BJ, Lander O, Davis S, Thewlis RE, Celik I, Chen TB, Beezhold D [2008]. Measurement of Airborne Influenza in a Hospital Emergency Department. *Clin Infect Dis*. [Accepted]
13. Siegel PD, Fedorowicz A, Butterworth L, Law BF, Anderson SE, Snyder JA, Beezhold D. Physical-chemical and solvent considerations in evaluating the influence of carbon chain length on the skin sensitization activity of 1-bromoalkanes. *J Toxicol Sci*. [In Press]
14. Chipinda I, Anderson SE, Butterworth L, Beezhold D, Siegel PD [2008]. Increased Cell Proliferation in Spleen and Lymph Nodes Peripheral to Contact Allergen Application Site. *Toxicol Sci*. [Submitted]

Book Chapter

1. Anderson S, Munson AE, Meade BJ [2006]. Analysis of Immunotoxicity by Enumeration of Antibody-Producing B Cells. In: Current Protocols in Toxicology. Vol. 2. New York, NY: John Wiley & Sons, Inc., pp. 1-19.

Abstract

1. Anderson S, Munson AE, Meade BJ [2006]. The effect of MMA-SS welding fumes on the humoral immune response in B6C3F1 mice [abstract]. Toxicologist 90(1):52.
2. Anderson S, Wells JR, Fedorowicz A, Butterworth LF, Meade BJ, Munson AE [2007]. The Prediction and Confirmation of Potential Respiratory Sensitizers Generated from Indoor Air Samples [abstract]. Toxicologist 96(1):238-238.
3. Blachere FM, Lindsley WG, Slaven JE, Green BJ, Anderson S, Chen BT, Beezhold D [2007]. Bioaerosol Sampling for the Detection of Aerosolized Influenza Virus [abstract].
4. Anderson S, Brown K, Butterworth LF, Fedorowicz A, Beezhold D, Munson AE, Meade BJ [2008]. Evaluation of Irritancy and the Sensitization Potential of Metal Working Fluids and Metal Working Fluid Components [abstract]. Toxicologist 102(1).
5. Wells JR, Anderson S, Butterworth LF, Flemmer MM, Forester C, Ham J, Harrison JC, Jackson LG, Pacolay B. Multifaceted approach to understanding indoor air quality [abstract]. [Not Submitted]
6. Anderson SE, Butterworth L, Jackson LG, Frasch H, Franko J, Meade BJ [2008]. Adjuvancy and Immunosuppression: Mechanisms of Immunomodulation Following Dermal Exposure to PFOA in Mice [abstract]. Toxicologist. [Submitted]
7. Chipinda I, Anderson SE, Butterworth L, Beezhold D, Siegel PD [2008]. Increased Cell Proliferation in Spleen and Lymph Nodes Peripheral to Contact Allergen Application Site [abstract]. Toxicologist. [Submitted]
8. Franko J, Munson AE, Ham J, Jackson LG, Wells JR, Butterworth L, Anderson SE [2008]. 4-Oxopentanal Identified as a Potential Indoor Air Irritant and Allergen [abstract]. Toxicologist. [Submitted]
9. Jackson LG, Wells JR, Munson AE, Anderson SE [2008]. Identification of Indoor Air Contaminates using an In Vitro Exposure System [abstract]. Toxicologist. [Submitted]
10. Tapp L, Durgam S, Mueller C, Anderson SE [2008]. Evaluation of Contact Dermatitis among Ink Ribbon Manufacturing Employees [abstract]. [Submitted]

LAB EXPERIENCE

Real time PCR, PCR, RT-PCR, gel electrophoresis, Drosophila genetics (P-element insertions, γ mutagenesis), Southern Blot, RNA/DNA isolations, DNA microarray, Primer design, Genomic libraries, Restriction enzyme digests, Plasmid Rescue, FACS analysis, local lymph node assay, *in vitro* and *in vivo* PFC assay, ELISA.

RADIATION SAFETY TRAINING AND WORK WITH RADIONUCLIDES

West Virginia University (1998-2004)

P^{32} and γ irradiation

Annual training for work with radionuclides during this timeframe

NIOSH (2004-present)

3H labeled thymidine

Annual training for work with unsealed radioactivity during this timeframe

HELD Representative for the Radiation Safety Committee (2009)

COMMITTEES

Co-Chair of Search Committee for Biology Department Seminar Series (2003-2005).

SOT Immunotoxicology Specialty Section Post-doctoral Representative (2007-2009)

Member, Society of Toxicology (2005 - present)

SOT World Wide Web Task Force (2008 - present)

NORA Immune and Dermal Sector program Assistant Coordinator (2007-present)

NIOSH/HELD Representative for the Radiation Safety Committee (2009-present)

Additional Experience

Microsoft Office 2000, XP and VISTA, familiar with both PC and MAC and various computer applications/internet. JMP, PRISM

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

2/20/2009, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 47-15279-01 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** 143446.

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