



Office of the Vice President
Research and Economic Development

4400 University Drive, MS 3A2, Fairfax, Virginia 22030
Phone: 703-993-8773; Web: www.gmu.edu/research

September 9, 2008

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U.S. Nuclear Regulatory Commission, Region II
Sam Nunn Atlanta Federal Center, 23 T85
61 Forsyth Street, SW
Atlanta, GA 30303-8931

2008 SEP 30 AM 10:50

RECEIVED
REGION I

Re: License No. 45-13147-01

To Whom It May Concern:

03001128

George Mason University requests an amendment to NRC License # 45-13147-01 to reflect the following changes in management of the Radiation Safety Program:

- Revised organizational chart
- New Certifying Officer for the Radiation Safety Program
- New Radiation Safety Officer

The University recently underwent reorganization to create the Environmental Health and Safety Office. An organizational chart depicting the newly formed office is enclosed. As part of this reorganization, I became the Vice President for Research and Economic Development and, as such, will serve as the Certifying Officer for the Radiation Safety Program. Additionally, Julie Zobel was promoted from Director of Laboratory Safety to the Executive Director of Environmental Health and Safety, and, the Radiation Safety Officer, Diann Stedman, was promoted to Director of Laboratory Safety. Brad Huntsman was hired to become the new Radiation Safety Officer. Mr. Huntsman will assume his duties as the Radiation Safety Officer once his appointment is approved by the Nuclear Regulatory Commission.

Mr. Huntsman, who is earning his Masters of Arts degree in Environmental and Resource Policy, has significant experience which qualifies him to be the Radiation Safety Officer. He has attended radiation safety training programs at the University of Cincinnati, Case Western Reserve University, George Washington University, and the Radiation Safety Academy in Gaithersburg, MD. He has four years experience using radioactive material in molecular biology research; additionally, he has worked as the Senior Radiation Safety Technologist for George Washington University's Radiation Safety Office for almost three years. For the past eight years, Mr. Huntsman managed the radiation safety program for two laboratories and assisted in the management of the radiation safety program at a University, overseeing procurement, storage, utilization, and disposal of radioactive materials, training of personnel in the safe use of radioactive materials, and ensuring compliance with government regulations and university policy concerning the use of radioactive materials in the laboratory. Since beginning his employment at George Mason University in December of 2007, Mr. Huntsman has worked closely with Ms. Stedman to learn specific information about the operation of the radiation safety

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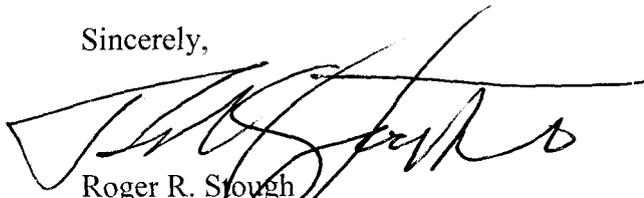
program at the university. Upon review of his performance the Director of Laboratory Safety is confident in Mr Huntsman's ability to serve as the Radiation Safety Officer.

Since the fall of 2005, Mr. Huntsman has received Radiation Safety Technician Certification, Radiation Safety Officer Certification, DOT Requirements for Shipping and Receiving Radioactive Material Certification, and Fundamentals of Liquid Scintillation Counting Certification from the Radiation Safety Academy located in Gaithersburg, MD. A copy of Mr. Huntsman's resume is enclosed. Also enclosed is a *Radiation Safety Officer Delegation of Authority* Memorandum designating Brad Huntsman as the GMU Radiation Safety Officer. The Memorandum will be distributed once Mr. Huntsman's appointment is confirmed by the NRC.

In addition to amending the license, I would also like to request that contact information for our license be updated to list Brad Huntsman as the contact person. Mr. Huntsman can be reached at (703) 993-8280, or at bhuntsma@gmu.edu.

If there are any questions concerning this license amendment, please feel free to contact me at (703) 993-2268.

Sincerely,



Roger R. Slough
Vice President for Research and Economic Development

Cc: Julie Zobel, Executive Director of Environmental Health and Safety
Diann Stedman, Director of Office of Laboratory Safety
Brad Huntsman, Assistant Radiation Safety Officer; Chemical Hygiene Officer
Pat Gillevet, Radiation Safety Committee Chair

Enc.



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MEMORANDUM

To: Approved Users of Radioactive Materials and Devices That Produce Ionizing Radiation
From: Roger Stough, Vice President for Research
Subject: Appointment of Brad Huntsman as Radiation Safety Officer 
Date: September 10, 2008

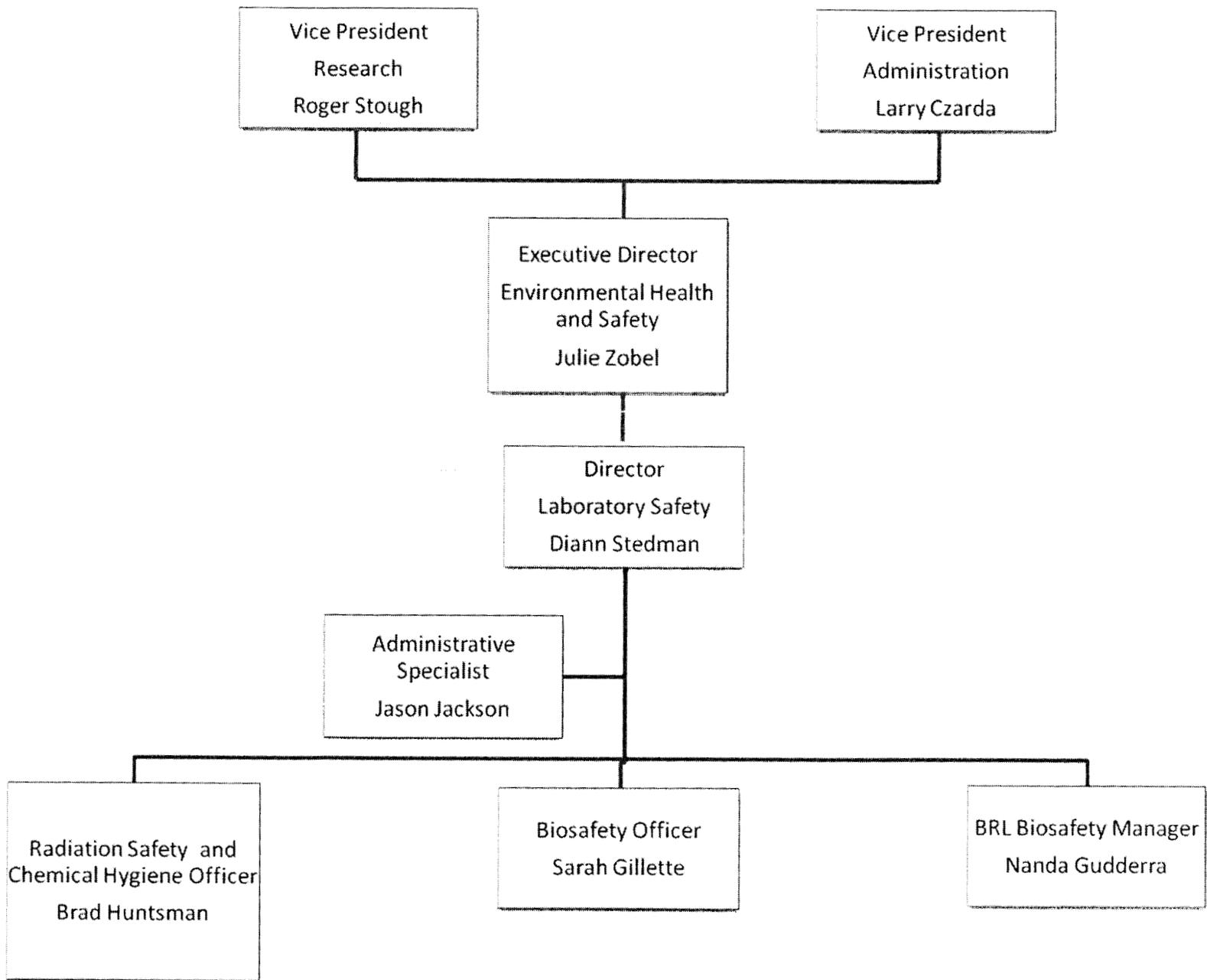
Under my authority as the Vice President for Research and Economic Development and the Certifying Officer of the Radiation Safety Program at George Mason University, I have appointed Brad Huntsman as the university's Radiation Safety Officer, responsible for ensuring the safe use of byproduct material as outlined in the Nuclear Regulatory Commission (NRC) license #45-13147-01. As RSO, Mr. Huntsman is responsible for managing the Radiation Safety Program; identifying radiation safety problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; and ensuring compliance with regulations for the use of byproduct material as outlined in the license. The RSO is hereby delegated the authority necessary to meet these responsibilities. Mr. Huntsman has similar authority and responsibilities for devices that produce ionizing radiation.

As the RSO, Mr. Huntsman also has the authority to immediately stop any operations involving the use of byproduct material or devices that produce ionizing radiation through which, in his judgment, health and safety may be compromised and/or non-compliance with applicable state and federal regulations may result.

Mr. Huntsman reports to Diann Stedman, Director of Office of Laboratory Safety.

Cc: Lawrence Czarda
Julie Zobel
Diann Stedman
Pat Gillevet

Organizational Chart , George Mason University Office of Laboratory Safety



BRAD HUNTSMAN

EDUCATION

- The George Washington University**, Washington, DC 8/2004 - Present
Master of Arts, Public Policy---Environmental & Resource Policy (5/2009 intended)
- The University of Dayton**, Dayton, OH 8/1996 - 5/2000
Bachelor of Science, Biology

EXPERIENCE

- George Mason University** 12/2007 - Present
Environmental Health & Safety Office---*Radiation Safety Officer; Chemical Hygiene Officer*
- Manage Radiation Safety, Chemical Hygiene, X-Ray Safety, and Laser Safety programs.
 - Track isotope and chemical shipments, usage, and confirm proper waste disposal.
 - Review protocols involving chemical and ionizing radiation; conduct safety training programs.
 - Act as University liaison to Commonwealth of VA and Nuclear Regulatory Commission.
 - Operate as an Emergency Responder to emergencies at the University.
 - Ensure University compliance with all local, state, and Federal regulations.
- George Washington University** 6/2005 - 12/2007
Radiation Safety Office--- *Senior Radiation Safety Technologist*
- Manage University Radiation Safety program.
 - Track incoming isotope shipments, monitor isotope usage, and confirm proper disposal.
 - Review protocols for isotope use.
 - Conduct radiation safety training for University employees authorized for isotope use.
 - Act as University liaison to District of Columbia and Nuclear Regulatory Commission.
 - Assist emergency responders during radiological events at the University.
 - Ensure University compliance with all Nuclear Regulatory Commission regulations.
 - Ensure proper disposal and packaging of biological waste for weekly shipment.
- Case Western Reserve University** 8/2003 - 8/2004
Department of Gastroenterology---*Research Assistant II*
- Manage and maintain lab and mouse colony on a daily basis.
 - Oversee administrative duties for isotope use and supervise lab radiation safety compliance.
 - Dissection of liver for primary tissue culture.
 - Perform various molecular and cellular biology techniques.
- Cincinnati Children's Hospital Medical Center** 6/2000 - 8/2003
Department of Developmental Biology---*Research Assistant II*
- Manage lab and mouse colony and coordinate correspondence with collaborators.
 - Order lab supplies and equipment and train incoming lab personnel.
 - Oversee administrative duties for isotope use and supervise lab radiation safety compliance.
 - Design, execute, and troubleshoot experiments independently.
 - Extensively involved with several gene-targeting experiments.
 - Perform various molecular and cellular biology techniques.

CERTIFICATES

- Radiation Safety Technician---*Radiation Safety Academy (RSA)* 2005
- DOT & NRC Shipping and Receiving Requirements for RAM---*(RSA)* 2005
- Radiation Safety Officer with LSC training option---*(RSA)* 2007
- Nationally Registered EMT-Basic 2007
- Shipping Infectious and Biological Substances and Related Hazards---*(HighQ)* 2007
- OSHA 40 Hour Hazardous Waste Site Worker Training 2008
- X-Ray Safety Training; Laser Safety Training---*(RSA)* 2008

**PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.**

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

9/9/08, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (45-13147-01) 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** 142854.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (R1)
(6-96)

Sincerely,
Licensing Assistance Team Leader