William P. Anderson, Jr., Ph.D.
Provost and Vice President of Academic Affairs

GROVE CITY COLLEGE
ESTABLISHED 1876 · PENNSYLVANIA

NMSB2

37-13767-02
03011569

Memorandum: August 2, 2005

To: Mr. Steven Courtemanche

From: William P. Anderson, Jr., Ph.D.

Re: Nuclear materials license

Please note that I have read and approve of the changes Dr. Shane Brower is requesting for our nuclear materials license as stated in his letter.

W. P. Anderson Jr.
2 August 2005

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REGION 1
2005 AUG -4 PM 1:35

137455

NMSS/RGN1 MATERIALS-002

100 Campus Drive, Grove City, Pennsylvania 16127-2104 tel: (724) 458-2187 fax:(724) 458-3828 provostanderson@gcc.edu

GROVE CITY COLLEGE

ESTABLISHED 1876 · PENNSYLVANIA

June 24, 2005

Mr. Steven Courtemanche
Nuclear Regulatory Commission
Region I
Division of Nuclear Materials Safety, CRDB
475 Allendale Road
King of Prussia, PA 19406-1415

37-13767-02
03011569

Dear Mr. Courtemanche:

In accordance with our recent phone conversation, the physics department at Grove City College would like to make the following changes to our nuclear materials license:

(1) The addition of Dr. Glenn A. Marsch as an authorized user of nuclear material in item (11A)

(2) The transfer of Dr. Glenn A. Marsch to the position of Radiation Safety Officer in item (11B)

Dr. Marsch has worked with radioisotopes since 1985. His first experience was with ^{32}P and ^{35}S at Florida State University, where he completed training in accordance with federal and state law. Ultimately, Dr. Marsch was appointed the radiation safety officer for the laboratory in which he worked. The sources managed by Dr. Marsch at this time ranged from a micro curie to 10 millicuries. Dr. Marsch then worked at Ames Laboratory (1990 - 1992), again using ^{32}P. Here Dr. Marsch was trained in safe practices and procedures by the Ames Laboratory personnel and eventually authored the standard operating procedure document for his laboratory. Finally, Dr. Marsch was employed by Lawerence Livermore Lab in a lab using predominantly tritium and radiocarbon. He received rigorous annual training in the use of radio nuclides, as well as training in x-ray safety.

In addition to his research training and experience with radioisotopes, Dr. Marsch has taught atomic and nuclear physics at the introductory undergraduate level as part of an introductory physics sequence. Topics covered have included radiation, radioactivity, radioactive materials, medical applications of radiation, and radiation safety. In addition to the coursework, Dr. Marsch has taught laboratories on utilizing low energy alpha, beta, and gamma emitters.

At Grove City College, Dr. Marsch will be the instructor for our radiation laboratory course. In this course, students receive training in safe practices and procedures for the use of radio nuclides. The laboratory uses low level alpha, beta, and gamma emitters including Co-60, Ba-133, Cs-137, Cd-109, Po-210, and Sr-90. In addition, the laboratory utilizes a sealed neutron source containing Americium 241 for neutron activation of In-115, Au-197, and Mn-55.

If you have any further questions regarding Dr. Marsch's experience or qualifications, please contact me at scbrower@gcc.edu or 724-458-2118.

Sincerely,

Shane C. Brower, Ph.D.

This is to acknowledge the receipt of your letter/application dated 6/24/2005 (RECEIVED 8/4/05), and to inform you that the initial processing which includes an administrative review has been performed.

☑ AMENDMENT 37-13767-02 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** 137455. 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 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader