



University of Medicine and Dentistry of New Jersey
School of Osteopathic Medicine

MS16

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Department of Cell Biology
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Two Medical Center Drive
Stratford, New Jersey 08084

January 8, 1996

Richard Gibson, Jr.
Health Physicist
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Dear Mr. Gibson,

Please find enclosed two copies of our application for the renewal of our Material License (License No. 29-20876-01; Docket No. 030-21288; Control No. 122424) revised in accordance with the issues raised in your letter of December 15, 1995. With respect to individual items:

1. Sections on refresher training are now included on page 8, sections D and E.
2. The section on Postings (page 10, section 4) has been revised accordingly.
3. A confirmation that we will be complying with revised 10 CFR 20.1001 - 20.2401, and section 20.1201 in particular, has been added on page 11, section 10.
4. A confirmation that we will be complying with revised 10 CFR 20.1001 - 20.2401, and section 20.1906 in particular, has been added on pg 12 last line and the first line of page 13.
5. We are aware that the disposal of radionuclides in the sewer system is permissible according to the guidelines contained in 10 CFR 20.2003. However, our program is set up such that liquid waste containing radionuclides with a half-life of less than 75 days is accumulated and stored for decay (see page 20, section 4). Liquid waste containing radionuclides with a half-life of greater than 75 days is accumulated and solidified with the use of Delaware Custom Materiel Waste-Packs and disposed of as solid waste. Because

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of the small volumes of liquid waste generated, we have found this to be a more than manageable and convenient solution to the issue of the disposal of radioactive waste in the sewer system.

6. A statement regarding the oversight of the program with and annual audit has been added (page 5, last paragraph).

7. The management of waste materials containing radionuclides with half-lives of less than 75 days is now described on page 19 , section 3 and page 20, section 4.


8. A letter from a management representative has been provided (see attached) as requested.

We hope that the revised copy of our application will be found satisfactory so that consideration of our application for renewal will be able to continue.

Yours truly,



Lloyd J. Forman, Ph.D.
Associate Professor and
Radiation Safety Officer



Carl E. Hock, Ph.D.
Associate Professor and
Acting Assistant Dean of Research



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January 8, 1996

Richard Gibson, Jr.
Health Physicist
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Dear Mr. Gibson,

As the Acting Assistant Dean of Research for the School of Osteopathic Medicine, I serve as the management representative for the Science Center. In this capacity, I have reviewed the application and concur with the statements and representations contained therein. Dr. Forman, in his role as the Radiation Safety Officer, reports to me on the status of the radiation safety program and our compliance with the NRC Material License. I will continue to work with Dr. Forman to insure the safe use and handling of radionuclides by the faculty and staff working in the Science Center.

In the future, I will sign all correspondence requesting a change in the license. If there is anything further that I may do to facilitate the review of our application for renewal, please contact me.

Yours truly,

Carl E. Hock, Ph.D.
Associate Professor and
Acting Assistant Dean of Research