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College of Science and Mathematics  
Harrisonburg, VA 22807  
(540) 568 6246

MS16  
J-6

January 9, 2008

Docket No. 03001125  
Control No. 141225  
License No. 45-10414-01

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

RE: Response to request for additional information concerning application for amendment to license, control no. 141225

Dear Mr. Lawyer:

The purpose of this letter is to provide additional information necessary to proceed with the review of our application of amendment to license, as per your letter dated December 5, 2007. My responses are numbered to correspond with the requests outlined in your letter.

(1) Statement of Intent for Rooms in Burruss Hall

James Madison University- College of Science and Mathematics requests removal of the following rooms in Burruss Hall from our license: 322, 328, 332, 333. Licensed radioactive material will never be used in these rooms in the future, following removal from the license/release for unrestricted use.

(2) Additional Information for Completion of Environmental Assessment

- a) Size of University: 495 acres  
Size of Burruss Hall: 78,751 square feet  
Size of Rooms to be Released: Room 322: 190 square feet  
Room 328: 826 square feet  
Room 332: 110 square feet  
Room 333: 413 square feet
- b) The Burruss Hall facility is comprised of laboratory, classroom, and office space. Rooms 322, 332, and 333 are research laboratories and Room 328 is a classroom/laboratory.

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- c) Burruss Hall is flanked on the south, east, and west sides by other JMU campus Buildings. On the north side, the facility is flanked by Rockingham Memorial Hospital.
  - d) The type of activities authorized on the license (as per the application dated April 29, 1991) include laboratory procedures typically performed on bench tops and in fume hoods.
  - e) Activities involving the use of licensed material ceased by 1997.
- (3) I am requesting that items 2 and 3 on my letter dated October 16, 2007 proceed independently of item 1.
- (4) It is understood that our license will be encoded as a "limited" scope license.
- (5) Please see attached list detailing previous radionuclide usage by Dr. Krishna Kodukula.
- (6) Please add the Radiation Safety Officer, Heather Armstrong, as an authorized user. Ms. Armstrong has worked with all radioactive material onsite in conjunction with authorized user, Dr. Dan Downey. In addition to completion of related coursework through the Nuclear Chemistry course taught at the University, Ms. Armstrong's use of radioactive materials involves the conduction of laboratory wipe tests and leak tests, as well as maintenance of inventory of radionuclides and waste. These activities are also conducted in conjunction with Dr. Dan Downey.

Thank you for your attention to these matters. If you have any questions, please contact me at (540) 568-6678 or [armstrhk@jmu.edu](mailto:armstrhk@jmu.edu).

Sincerely,

*Heather K. Armstrong*

Heather K. Armstrong  
Laboratory Safety Manager/RSO

Attachments: Radionuclide Usage- Dr. Krishna Kodukula