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February 22, 2007

Mr. Dennis Lawyer
Licensing Assistance Team
US Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, Pennsylvania 19406
FAX 610-337-5393

MS 16
J-6

Mail Control Number 140050

Dear Mr. Lawyer:

03022653

As per our telephone conversation of 2/21/07, I am providing the requested information concerning the requested amendment to Materials License 45-23080-01.

- 1) The experience of Dr. Tabmitha Jarvey: At the Eastern Virginia Medical School, she worked with 32P for the duration of her graduate career from 9/95 to 5/00. She studied viral promoters; more specifically the protein/DNA interaction of the viral promoters with cellular factors from fibroblast cells infected with virus. The promoter fragments or synthetic oligonucleotides (from approx. 25 base pairs to 60 base pairs) were labeled with 32P. She was responsible for labeling the fragment, counting the amount of radiolabel, loading and running the gels that contained radiolabeled fragment with an acrylic barrier, cleaning up following use of radioactivity. She also carried out swipe test for the lab every three or four months for 5 years. Radioactive gels were dried down and kept separately. Radioactive fragments were kept in an acrylic container until degraded. She has worked with 35S for a brief time in ImmunoAssays. She has not yet used 33P.

- 2) The proposed rooms to add to the license are the same approximate configuration as described previously for the "generic" laboratory in the letter of July 7, 2005.

Please contact me if I need to provide any additional information.

Sincerely,

H. Alan Rowe, Ph.D., Chairman, RSO

140050

NMCC/IRGN MATERIALS-002