

Merck & Co., Inc.
West Point, PA 19486



Q-5

September 28, 2007

Mr. James Dwyer
Nuclear Materials Safety Branch
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1415

03033524

Dear Mr. Dwyer:

Merck & Co., Inc. would like to amend Radioactive Materials License No. 37-01531-07 to increase the possession limit for phosphorus-33 to one curie. This quantity of phosphorus-33 is required to support an important research assay.

If you have any questions or concerns regarding this amendment request, please contact me at (215) 652-7926.

Yours sincerely,

John Miller – Radiation Safety Officer
Associate Director – Health Physics

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