

Department of Radiology

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James C. Brown, MD
Department Chair

Ms. Colleen Carol Casey
US NRC Region III
2443 Warrenville Road, Suite 210
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Ms. Nanci A. Burchell
Radiation Safety Officer
2401 Gillham Road
Kansas City, MO 64108

Dear Ms. Casey,

This letter is in reference to license amendment Control #573399 from Children's Mercy Hospital in Kansas City, Missouri. We are requesting expedited review and provisional operational status of the new PET/CT imaging area and equipment due to increased demand.

Our hematology/oncology and neurology departments are in need of this imaging device. In the past quarter we have added 35 new hematology/oncology patients. We have been sending an average of 15 patients per month to outside imaging facilities adding significant difficulty and increased cost to our already distressed patients.

The equipment is slated to be available for operation mid October. We will have everyone trained by the end of October and plan to be ready to be fully operational on November 1, 2010.

As for the question of removing the P-33 and C-14 I have delved into who was licensed to use these isotopes and if they were ever actually utilized. Telephone conversation with Dr. Andrea Gaedigk, the only researcher ever licensed (24-15513-01 Amendment No. 28) to use C-14, confirmed she had never used C-14 here at Children's Mercy. Telephone conversation with Dr. Robert White indicated he had never used P-33. Dr. Gaedigk and Jennifer Helber were licensed to use P-33, but did not do so. The only researcher to use P-33 was Dr. Paul G. Rothberg. He used P-33 at our satellite facility at 2801 Wyandott. Dr. Rothberg left employment of CMH and that lab where he used P-33 was decommissioned in October 2003 as per license 24-15513-01 Amendment No. 30.

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Administrative Director

C. Casey

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We appreciate you taking our request into consideration. If you need any further clarification or documentation please feel free to call, fax, or e-mail me. My telephone number is 816-234-3231, my fax number is 816-855-1990, and my e-mail is nburghell@cmh.edu.

Yours sincerely,



Nanci A. Burchell
Radiation Safety Officer
Children's Mercy Hospitals & Clinics

Cc: Calvin P. Myers, Ph.D.
Corliss Panis



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