



**HEART &
VASCULAR**
CLINIC

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August 10, 2012

U.S. Nuclear Regulatory Commission
Region 1
2100 Renaissance Blvd.
King of Prussia, PA 19406-1415

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Dear License Reviewer,

I am writing in response to the questions posed regarding the new area of use for Radioactive Materials License 07-31394-01, Heart and Vascular Clinic – 620 Stanton Christiana Road, Suite 203, Newark, DE 19713 to reflect the following:

- The address of the proposed office (new area of use) is: 118 Sandhill Drive, Suite 104, Middletown, DE 19709. Regarding the hot lab space and the concern for security of the sealed and unsealed radioactive sources:
 - The diagram does not clearly delineate the adjoining "exam room" as it relates to the camera/hot lab room. To further clarify, the "exam room" does not have a door connected directly to the camera/hot lab room, but does have door access to the main hall.
 - There is only one access point to the camera/hot lab room
 - The camera/hot lab room door will be able to be locked by key.
 - Contained within the camera/hot lab room will be a lockable cabinet (noted as "hot lab area" in the diagram) in which all radioactive sources will be stored. In the likely scenario that there is a patient in the room that necessitates the door remain open, there will be a locking mechanism on the cabinet to secure radioactive sources in the event the technologist needs to leave the room.
 - All radioactive sources will be stored in the "hot lab area" in a lockable cabinet as it is described on the submitted diagram.
- The survey meter will be a Ludlum 14C with either a pancake or canister probe.
- The Cs-137 dose calibrator vial reference source will be less than 30 mCi.
- Additionally there will be a Ba-133 dose calibrator vial reference source, also less than 30 mCi.
- To maintain consistency with the authorized use at the current authorized location (620 Stanton Christiana Road) we would like the new area of use to be authorized for 35.100 and 35.200.
- The new office will be on the ground floor. Currently there is no occupancy in the space above the cardiology suite but there are plans for another physician's office.

If you have any questions, please contact Adam M. Henry at 1.866.755.2756 x703.

Sincerely,

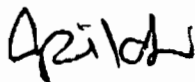
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NMSS/RGN1 MATERIALS-002

Ashish Parikh, M.D.

If you have any questions, please contact Adam M. Henry at 484.366.4054.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Parikh'.

Ashish Parikh, M.D.
President
Heart and Vascular Clinic
08-10-2011