

Hillsdale Community Health Center
168 South Howell St.
Hillsdale, MI 49242

August 13, 2012

Frank Tran
Health Physicist/License Reviewer
U.S. Nuclear Regulatory Commission
RIII/Division of Nuclear Materials Safety
Phone: (630)829-9623
Fax: 630-829-9782

RE: NRC License No. 21-24813-01

Dear Mr. Tran,

The responses to your request for additional information on August 8, 2012 are in bold.

As discussed with you this morning by phone regarding the renewal application for NRC License No. 21-24813-01, please confirm that no PET isotopes will be used at Hillsdale Community Health Center located at 168 S. Howell Street, Hillsdale, Michigan. **No PET isotopes will be used at Hillsdale Community Health Center located at 168 S. Howell Street, Hillsdale, Michigan.**

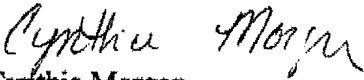
Please submit the following information with your close-out survey for the location at 216 Olds Street, Jonesville, Michigan:

- a. A history of all radionuclides used at your old facility. **Between 1994 and 1999, the following radionuclides were used: Tc-99m sestamibi, Co-57 and Cs-137 sealed sources for the dose calibrator. On September 7, 1999, the dose calibrator and both Co-57 and Cs-137 sealed sources for the dose calibrator were transferred from 216 Olds Street, Jonesville, Michigan to Hillsdale Community Health Center located at 168 S. Howell Street, Hillsdale, Michigan. From September 7, 1999 and 2005, only Tc-99m sestamibi was used at 216 Olds Street, Jonesville, Michigan.**
- b. A history of leaking sealed sources (if any). **Leak tests were performed semi-annually on the Co-57 and Cs-137 sealed sources for the dose calibrator and there is no history of a leaking sealed source.**
- c. A diagram of your old facility with survey and wipe test results keyed to specific locations. Please record your survey results using the appropriate units as described in 10 CFR 30.36 (j) (2) (i). **See the attachment.**
- d. The name of the person performing the survey. **Cheryl Culver Schultz, M.S., Board Certified Nuclear Medicine Physicist.**

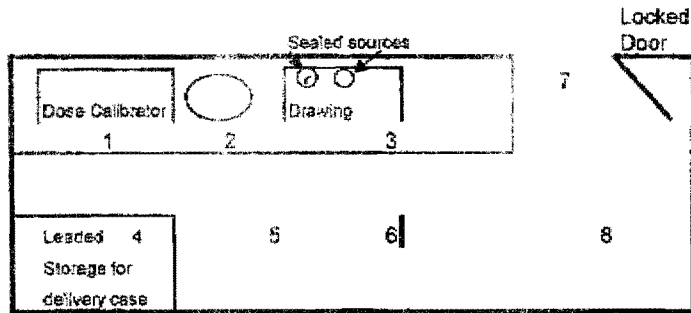
- e. The date the survey was performed. **January 30, 2011**
- f. The instrument(s) used for exposure rate measurements and for analysis of the wipes. **Exposure rate measurements were taken with a Ludlum 14C GM survey meter. Wipes were analyzed on a Capintec Captus Well Counter 3000 with an efficiency of 65% for Co-57. The wipes were counted with the full spectrum (0-1000 keV).**
- g. Background readings. **63 dpm/100 cm² for wipe samples and 0.02 mR/hr for the survey meter.**
- h. The model, the serial number and the date that the survey meter was last calibrated. **Ludlum 14C GM survey meter (GM serial no. 223611, probe serial no. 235901, calibrated on 7/12/2010). This instrument has been calibrated annually since 2010.**
- i. Confirm that all radioactive waste has been decayed to background radiation. **All radioactive waste had been decayed to background radiation.**

Please let me know if you have any questions or need any information (517-437-5153).

Sincerely,


Cynthia Morgan
Radiation Safety Officer
Hillsdale Community Health Center

Hot Lab at Dr. Shannon's Office



- 1 Cardiollite doses were the only isotopes used at this site. They were delivered by Syncore and placed on the counter in the locked hot lab by the delivery person.
- 2 Cardiollite doses were administered in the stress lab directly across the hall from the hot lab.
- 3 Used cardiollite doses were returned to the case delivered by Syncore and were stored in the locked hot lab until the next delivery and pick-up from Syncore.

Close out survey and wipe test

20-Jun-11 Cheryl Culver Schultz, DABR

Cheryl Culver Schultz

Dr. Shannon's Office 216 Olds Street Jonesville, MI 49250		
Location	Survey (mR/hr)	Wipe (ref dpm/100 cm ²)
1 Dose calibrator counter	<0.02	0
2 Counter top	<0.02	0
3 Sealed source storage	<0.02	0
4 Delivery case storage	<0.02	14
5 Floor	<0.02	0
6 Chair	<0.02	0
7 Door knob and floor	<0.02	0
8 Floor and cabinets	<0.02	3
Background	<0.02	63



Hillsdale Community Health Center

... in the heart of Hillsdale County

DATE: 8-13-12
TO: Frank Tran
FROM: ~~Frank Tran~~ Nuclear Medicine
TOTAL NUMBER OF PAGES: 3 (including this cover sheet)
MESSAGE: Close-out survey, NRC comments

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Facsimile Number: (517) 437-1322