



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

June 11, 2015

Docket No. 03001250
Control No. 586507 & 586738

License No. 06-02388-01

Maryanne Volkringer
Vice President, Business Development - Central Region
The Hospital of Central Connecticut
100 Grand Street
New Britain, CT 06050

SUBJECT: THE HOSPITAL OF CENTRAL CONNECTICUT, REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATIONS FOR AMENDMENT TO LICENSE, CONTROL NO. 586507

Dear Ms. Volkringer:

This is in reference to your letter dated March 27 and April 24, 2015 requesting to amend Nuclear Regulatory Commission License No. 06-02388-01 to remove two areas of radioactive material use and add an additional use. In order to continue our review, we need the following additional information:

1. You have requested to remove two areas of use that both involve the use of PET material – are you moving the PET/CT camera and the hot lab/injection area to another location within the hospital or another facility location? Or is it your intent to discontinue the use of PET altogether? Please clarify. If moving to a new location please provide facility diagrams and the shielding calculations.
2. Please provide a description of the disposition of the sealed source (Ge-68) contained in the PET/CT camera and any dose calibrator or camera flood sources used in this area.
3. Please provide the most current leak test records for the Ge-68 source.
4. The NRC inspection in 2013 indicated that these areas were also used for patient injections with Rb-82 and storage of your Sr-82/Rb-82 generator. Please provide the dates the PET radionuclides and the generator was last used. In addition, please confirm that all generators were returned to the manufacturer.
5. Please provide facility diagrams for 35.300 areas including shielding, above, below, and in-patient rooms.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Licensee Toolkits, see our toolkit index page**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

M. Volkringer

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We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 586507. If you have any technical questions regarding this deficiency letter, please call Robert Gallagher at (610) 337-5182.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

A handwritten signature in black ink, appearing to read 'Penny Lanzisera', written in a cursive style.

Penny Lanzisera
Senior Health Physicist
Medical Branch
Division of Nuclear Materials Safety

cc:

Stuart R. Korchin, M.S.

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SUNSI Review Complete: RGallagher

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NAME	RGallagher <i>RLG</i>		PLanzisera <i>PL</i>				
DATE	<i>6/11/2015</i>		<i>6/11/15</i>				

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