



DEPARTMENT OF THE ARMY
US ARMY MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES
1425 PORTER STREET
FORT DETRICK, MARYLAND 21702-5011

September 18, 2013

Office of the Commander

Farrah C. Gaskins
Division of Nuclear Materials Safety
Mail Control # 581493
US Nuclear Regulatory Commission, Region 1
2100 Renaissance Boulevard, Suite 100
King of Prussia, Pennsylvania 19406-1415

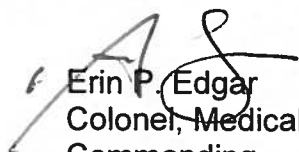
Dear Ms. Gaskins:

Attached is the response to your email dated August 28, 2013, requesting additional information from the amendment we submitted to your office.

Request to delete item e., Galium (Ga) 68 from the amendment request since we are not anticipating to receive this sealed source.

For additional information, please contact Ms. Josephine S. Esteban-Trexler, Radiation Safety Officer, at 301-619-4626, fax 301-619-4768, or e-mail Josephine.S.Esteban-Trexler.civ@mail.mil.

Sincerely,


Erin P. Edgar
Colonel, Medical Corps
Commanding

Enclosure

Response to additional information requested for license number 19-11831-03:

a. Gadolinium (Gd) 153 – Sealed Sources (Eckert & Ziegler), Model number MMS07-153-100U

- 1 Curie (Ci) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.

USE: Research and Development. Sealed Sources will be used in the calibration of the PET/ SPECT/CT instrument for use in collection of images of animals administered either a PET or SPECT tracer.

b. Cobalt (Co) 57 – Sealed Sources (Eckert & Ziegler), Model number PHI-0119, MMS11-057-20U, MMS15-057-80U, MMS13-057-80U

- 100 millicuries (mCi) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.

USE: Research and Development. Sealed Sources will be used in the calibration of the PET/ SPECT/CT instrument for use in collection of images of animals administered either a PET or SPECT tracer.

c. Sodium (Na) 22 – Sealed Sources (Eckert & Ziegler), Model number MMS12-022-10u, MMS09-022-10u

- 10 millicuries (mCi) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.

USE: Research and Development. Sealed Sources will be used in the calibration of the PET/ SPECT/CT instrument for use in collection of images of animals administered either a PET or SPECT tracer.

d. Germanium (Ge) 68 – Sealed Sources (Siemens), Model number CS 6-14

- 10 millicuries (mCi) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.

USE: Research and Development. Sealed Sources will be used in the calibration of the PET/ SPECT/CT instrument for use in collection of images of animals administered either a PET or SPECT tracer.

e. Zirconium (Zr) 89 – Any chemical or physical form, 10 Curies (Ci)

USE: Research and Development; Animal Studies

f. Indium (In) 111 – Any chemical or physical form, 10 Curies (Ci)

USE: Research and Development; Animal Studies