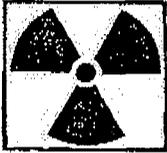


FROM :LSMITH PHYSICS

FAX NO. :15867160577--

Sep. 14 2010 11:51AM P2



Radiological Physics Service, Inc.

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 Plymouth, MI 48170
 (734) 455-4730
 Fax: (734) 453-8851

May 26, 2010

US NRC
 Materials Licensing Branch
 US Nuclear Regulatory Commission, Region III
 2443 Warrenville Road, Ste 210
 Lisle, IL 60532-4352

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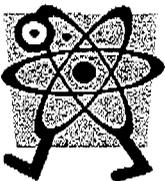
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RE: Response for License amendment for USNRC 21-32683-01 --
VOIDED CONTROL 318871

Response to your concerns and additional questions:

1. There will be a transported Digirad portable gamma camera to the clients facility and performing nuclear medicine imaging studies within the client's facility.
2. We will NOT be performing PET imaging. We will only used Tc-99m, and when Tc-99m is not available, on occasion -- Tl-201.
3. We agree to documentation in section 35.80, and to clarify, have re-stated those requirements:

35.80 Provision of mobile medical service.

(a) A licensee providing mobile medical service shall--

(1) Obtain a letter signed by the management of each client for which services are rendered that permits the use of byproduct material at the client's address and clearly delineates the authority and responsibility of the licensee and the client;

(2) Check instruments used to measure the activity of unsealed byproduct material for proper function before medical use at each client's address or on each day of use, whichever is more frequent. At a minimum, the check for proper function required by this paragraph must include a constancy check;

(3) Check survey instruments for proper operation with a dedicated check source before use at each client's address; and

(4) Before leaving a client's address, survey all areas of use to ensure compliance with the requirements in Part 20 of this chapter.

(b) A mobile medical service may not have byproduct material delivered from the manufacturer or the distributor to the client unless the client has a license allowing possession of the byproduct material. Byproduct material delivered to the client must be received and handled in conformance with the client's license.

(c) A licensee providing mobile medical services shall retain the letter required in paragraph (a)(1) and the record of each survey required in paragraph (a)(4) of this section in accordance with § 35.2080(a) and (b), respectively

4. Radionuclides may be delivered to the mobile nuclear medicine van only if the van is occupied by licensee personnel at the time of delivery, and we will confirm this with the delivering pharmacy.

Facility description and diagram

1. The base location for nuclear medicine service is confirmed as the location of 1915 E. 14 Mile Road, Birmingham, MI.
2. As state previously we will NOT provide PET imaging services.
3. The base location for nuclear medicine service is confirmed as the location of 1915 E. 14 Mile Road, Birmingham, MI.

Training for Individual working in or frequenting Restricted Areas

1. We confirm technologists and ancillary personnel will receive radiation safety training, and will be properly trained in the applicable transportation regulations and emergency procedures. The training for these individuals will include at a minimum, DOT regulations, HAZMAT, shielding, ALARA, and basic radiation protection, and individuals will receive training as required by 10 CFR 19.12, 35.27, 35.310, 35.410, and 35.610 (as applicable)

Supervision

1. Supervised individuals will be given written radiation protection procedures, (written directive procedures will not be necessary since we will not be performing therapies), regulations and instruction in the license conditions with respect to the use of radionuclides
2. Supervised individuals will be required to:
 - a. Follow the instruction of the supervision authorized user for medical uses of byproduct material.
 - b. Follow the instruction of the supervision authorized user for preparation of byproduct material for medical uses (we will be using unit doses).
 - c. Follow the written radiation protection procedures established by the licensee.
 - d. Comply with the provisions of 10 CFR 35 and the license conditions with respect to the mobile medical use of byproduct material.

Survey Instruments and dose measurement Instrument checks

1. We confirm that survey instruments, dose measurement instruments will be checked for proper calibration/ operation as required. Also confirm that imaging cameras will be checked for proper operation before each use

Emergency Procedures

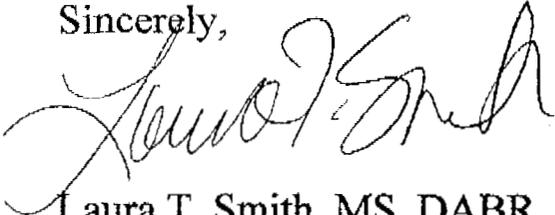
1. The typical response time of the Authorized User and/or Radiation Safety Officer in the event of a medical emergency is within 4 hours.
2. We confirm that we will develop and implement the emergency procedures as described in NUREG-1556, Volume 9, Revision 2.

Radioactive Waste Management

1. Radioactive waste in the mobile vans will be returned to the base location at the end of each day of use, and that no radioactive waste or radioactive materials will be stored in the mobile van.

If you have any questions regarding this change please contact Laura T. Smith at 586 215-5947 or pager 313 609-2038.

Sincerely,



Laura T. Smith, MS, DABR
Radiation Safety Officer

FROM :LSMITH PHYSICS

FAX NO. :15867160577--

Sep. 14 2010 11:50AM P1

Resent 9/14/2010

FAX

Date: June 1, 2010

To: NRC License Amendments

William Reichold

6305151078

From: Laura T. Smith, MS - Physicist

Fax: 586 716-0577

Cell: 586 215-5947

Pager 313 609-2038

RE: VOIDED CONTROL 318871

Please call Laura Smith, RSO with any questions or concerns.

Pages total: 34