



May 22, 2012

Toye L. Simmons  
United States NRC  
Region III  
Materials Licensing Branch, Suite 210  
2443 Warrenville Road  
Lisle, Illinois, 60532-4352

Reference: License Number 12-13568-02

Dear Ms. Simmons:

This is a request to amend our radioactive materials to list the following physician as authorized user-

Name.	Chemical and/or Physical Form
George A. Spencer, M.D. (LCDR, MC, USN).	10 CFR 35.100, 35.200

For his training and experience, please refer to the application for License, Number 12-00211-11NP, amendment No.9, issued to the Naval Health Clinic, 3001A Sixth Street, Great Lakes, IL 60088-5230. Duplicate copies of this license are enclosed listing the above Physician.

I hope the information submitted is satisfactory. Should you have any questions regarding this application, please contact me at 1-800-322-6341.

Sincerely,

William S. Gooch  
Radiation Safety Officer  
Diagnostic Health Services  
9785 Mackenzie Rd. Suite 101  
St Louis, Mo 63123

RECEIVED MAY 29 2012

**DHS** Diagnostic Health Services  
5055 Keller Springs Road  
Suite 500  
Addison, TX 75001  
214-242-8500  
Fax 214-242-8600  
[www.dhsinc.com](http://www.dhsinc.com)

## NAVAL RADIOACTIVE MATERIALS PERMIT

Pursuant to the authority stated in OPNAVINST 6470.3, Naval Radiation Safety Committee, and in reliance on statements made by the applicant, permission is hereby granted for the acquisition, receipt, possession, use, storage and disposal of radioactive materials listed below subject to the conditions listed in this permit.

<b>1 - COMMAND</b>  Commanding Officer Naval Health Clinic 3001A Sixth Street Great Lakes, IL 60088-5230	In accordance with letter dated 11 June 2010 <b>2 - PERMIT NO.</b>  12-00211-11NP
	Is amended in its entirety to read as follows: <b>3 - AMENDMENT NO.</b>  09
	<b>4 - DOCKET NO.</b>
	<b>5 - EXPIRATION DATE</b> 31 December 2013

6 - RADIOACTIVE MATERIAL	7 - CHEMICAL/ PHYSICAL FORM	8 - MAXIMUM QUANTITY AUTHORIZED
A. Any byproduct material permitted by 10 CFR 35.100.	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200.	B. Any	B. As needed
C. Iodine-131 for diagnostic studies and outpatient hyperthyroid therapy permitted by 10 CFR 35.300.	C. Capsule	C. As needed, not to exceed 165 millicuries (6105 megabecquerels) of I-131
D. Any byproduct material permitted by 10 CFR 35.65.	D. Any	D. No single source to exceed the maximum activity specified in 10 CFR 35.65

**NAVAL RADIATION SAFETY COMMITTEE**

**SUPPLEMENTARY SHEET****Naval Radiation Safety Committee****Radioactive Materials Permit****PERMIT NO.****12-00211-11NP****AMENDMENT NO.****09**

## 9. Authorized Use:

- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100 for which a written directive is not required.
- B. Any imaging and localization study permitted by 10 CFR 35.200 for which a written directive is not required.
- C. Iodine-131 in capsule form for use in diagnostic studies or outpatient hyperthyroid therapy as specified in 10 CFR 35.300 for which a written directive is required.
- D. Any sources of byproduct material used as calibration, transmission and reference sources as described in 10 CFR 35.65.

**PERMIT CONDITIONS**

10. Radioactive material authorized by this Permit shall be stored and used only at the Naval Health Clinic/Building 200-H, Great Lakes, IL.
11. The Radiation Safety Officer for the use of radioactive material authorized by this Permit is Gabrielle M. Johnson.
12. Radioactive material listed in Item 6 is also authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user, and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical use:

Authorized UsersMaterial and Use


10 CFR 35.100, 35.200 and outpatient I-131 hyperthyroid therapy and diagnostic studies permitted by 10 CFR 35.300



10 CFR 35.100, 35.200

**SUPPLEMENTARY SHEET****Naval Radiation Safety Committee****Radioactive Materials Permit****PERMIT NO.****12-00211-11NP****AMENDMENT NO.****09**

George A. Spencer, M.D.  
(LCDR, MC, USN).

10 CFR 35.100, 35.200 and  
outpatient I-131 hyperthyroid  
therapy and diagnostic studies  
permitted by 10 CFR 35.300

- C. Radioactive material shall be used by, or under the supervision of, individuals designated by the Command's Radiation Safety Committee.
13. The Command shall conduct a physical inventory of all sealed sources every six months to account for all sealed sources and devices, received and possessed under this permit per 10 CFR 35.67. In addition, waste shall be inventoried every six months. Records of the inventory shall be maintained for five years from the date of the inventory. Records shall include the quantities and kinds of radioactive material, manufacturer's name and model/lot number, location of use or storage, and the date of the inventory and shall be signed by the Radiation Safety Officer.
  14. Sealed sources or detector cells containing permitted material shall not be opened or sources removed from source holders by the permittee.
  15. The permittee shall not acquire radioactive material in a sealed source or device unless the source or device has been registered with the Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State.
  16. The permittee is authorized receipt and transfer of any permitted material in accordance with the provisions of 10 CFR Part 20, 10 CFR Part 71, and 49 CFR Parts 171-173.
  17. The Radiation Safety Officer or a qualified designee will personally approve all transfers of radioactive material covered by this Permit. This includes a review of the packaging, labeling, and documentation of each outgoing shipment as well as the receipt process for each incoming shipment.
  18. All personnel involved in the receipt, handling, preparation or transfer/shipment of radioactive material shall be trained in accordance with 49 CFR 172 Subpart H. Documentation of training and testing shall be maintained for three years.

**SUPPLEMENTARY SHEET****Naval Radiation Safety Committee****Radioactive Materials Permit****PERMIT NO.****12-00211-11NP****AMENDMENT NO.****09**

19. The Command shall comply with and maintain current copies of the following:
- A. Title 10, Code of Federal Regulations, Parts 19, 20, 21, 30, 35 and 71; and 49 CFR Parts 171-178.
  - B. BUMEDINST 6470.20.
  - C. OPNAVINST 6470.3A.
  - D. NAVMED P-5055.
  - E. NAVMCPUBHLTHCEN/OPNAV Information Notices and Bulletins.
20. Except as specifically provided otherwise by this Permit, the Command shall possess and use radioactive material described in this Permit in accordance with statements, representations, and procedures contained in the following correspondence:
- A. NAVHOSP Great Lakes ltr 6470 Ser NH/08084/3570 dated 24 Nov 03 (Final renewal application).
  - B. NAVHOSP Great Lakes ltr 6470 Ser NH-084/3730 dated 12 Dec 03 (Am: 06:Permit Renewal Corrections).
  - C. NAVHOSP Great Lakes ltr 6470 Ser NH-084/3727 dated 27 Jul 04 (Am. 07: Corrective Action Report; Removal of [REDACTED] as an Authorized User).
  - D. NAVHOSP Great Lakes ltr 6470 Ser NH-084/0358 dated 08 Feb 05 (Am. 07: Addition of Sentinel Node and Parathyroid Operating Rooms; addition of Authorized Users [REDACTED] and [REDACTED]; modify PCs 6 and 9 to more closely follow NRC; modify PC 12 to clarify who may use or supervise use of radioactive materials).
  - E. NAVHOSP Great Lakes ltr 6470 Ser NH-074/2420 dated 16 Aug 05 (Am. 08: Addition of Authorized Users [REDACTED] and [REDACTED]; removal of authorized user [REDACTED] due to release from active duty; change title of RSO due to change in employment status for Gabrielle M. Johnson).
  - F. NAVHLTHCLINIC Great Lakes ltr 6470 Ser NHC-074/1675 dated 22 Jun 06 (Command name change to Naval Health Clinic Great

**SUPPLEMENTARY SHEET****Naval Radiation Safety Committee****Radioactive Materials Permit**

PERMIT NO.

12-00211-11NP

AMENDMENT NO.

09

Lakes).

- G. CNO ltr 6470 Ser N455C/6U838193 of 22 Aug 06 (Extension of NRMP expiration date from 31 Dec 2008 to 31 Dec 2013).
- H. NAVHLTHCLINIC Great Lakes ltr 6470 Ser NHC-074/2637 dated 05 Oct 06 (removal of [REDACTED] as Authorized User due to termination of contract).
- I. NAVHLTHCLINIC Great Lakes ltr 6470 Ser NHC-084/0256 dated 24 Jan 07 (Notification to add [REDACTED] as Authorized user for 35.100, 35.200, and I-131 diagnostic and outpatient therapy per 35.300 based on ABR certification).
- J. NAVHLTHCLINIC Great Lakes ltr 6470 Ser NHC-054/1871 dated 08 Aug 07 (Removal of [REDACTED] as Authorized Users due to resigning their commission from the Navy).
- K. NAVHLTHCLINIC Great Lakes ltr 6470 Ser NHC-074/2897 dated 26 Nov 07 (Notification to add LCDR Spencer as Authorized user for 35.100, 35.200, and I-131 diagnostic and outpatient therapy per 35.300 based on ABR certification).
- L. NAVHLTHCLINIC Great Lakes ltr 6470 Ser NHC-054/2140 dated 14 Oct 09 (Removal of [REDACTED] as an Authorized User due to termination of contract).
- M. NAVHLTHCLINIC Great Lakes ltr 6470 Ser NHC-054/1202 dated 11 Jun 10 (Am. 09: incorporate all of the permit changes in F-L above and OPNAVINST 6470.3 revision to OPNAVINST 6470.3A; removal of "accelerator produced" from permit condition due to NARM Rule, and change name from NEHC to NAVMCPUBHLTHCEN).
21. The Command shall maintain records for review by the Naval Radiation Safety Committee sufficient to document operational compliance with the above requirements and other conditions of this Permit.

DATE:

15 July 2010L. L. Fragoso

L. L. FRAGOSO  
 Captain, MSC, USN  
 Executive Secretary  
 Naval Radiation Safety Committee

**Diagnostic Health Services**  
9785 Mackenzie Rd  
Suite 101  
St Louis, Mo 63123



United States NRC  
Region III  
Materials Licensing Branch, Suite 210  
2443 Warrenville Road  
Lisle, Illinois, 60532-4352

