

HEALTH PHYSICS CONSULTATION

Providing professional radiation physics services since 1964

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FACSIMILE COVER SHEET

Date: September 10, 2001

From: Dawn Tiedemann, Office Manager

To: Bryan Parker
NRC
404-562-4955

Re: NRC license application

Number of Pages (Including Cover Sheet): 6

Message:

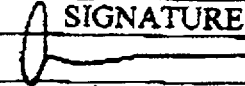


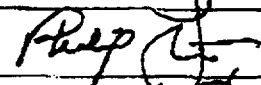
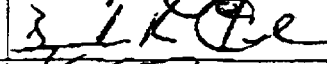

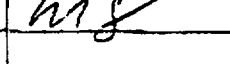
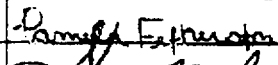

Please call (757) 518-9523 immediately if this transmission is not complete.

Naval Medical Center Portsmouth, VA
Authorized Users and Radiation Safety Officer
Effective Date: 22 DECEMBER 2000

Name	Board Certification	Authorization Letter	Scope
NUCLEAR MEDICINE			
Arcara, Lynn K.	Yes	Approved by RSC; ltr 6470 Ser 0705B/907998 of 10 Nov 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Bozman, Raymond E.	Yes	Approved by RSC; ltr 6470 Ser 0705B/908663 of 15 Dec 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Carmichael, Brent B.	Yes	Approved by RSC; ltr 6470 Ser 0705B/006701 of 6 Oct 00	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Chavis, Cyril V.	Yes	Approved by RSC; ltr 6470 Ser 0705B/900053 of 6 Jan 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Craig, William D.	Yes	Approved by RSC; ltr 6470 Ser 0705B/900054 of 6 Jan 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Davis, Kristin F.	Yes	Approved by RSC; ltr 6470 Ser 0705B/900057 of 6 Jan 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Halista, Kevin D.	Yes	Approved by RSC; ltr 6470 Ser 0705B/900059 of 6 Jan 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Ho, Van T.	Yes	Approved by RSC; ltr 6470 Ser 0705B/900060 of 6 Jan 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Jennings, Christopher J.	Yes	Approved by RSC; ltr 6470 Ser 0705B/000857 of 9 Feb 00	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Jones, Edgar T.	Yes	Approved by RSC; ltr 6470 Ser 0705B/900047 of 6 Jan 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Jones, Michael T.	Yes	Approved by RSC; ltr 6470 Ser 0705B/900055 of 6 Jan 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
McBride, J. Patrick	Yes	Approved by RSC; memo 6000/7161 of 03 Oct 86.	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200, 35.300 Training: 10 CFR 35.910, 35.920, 35.930 (ABR, ABNM)
Norris, Burl F.	Yes	Approved by RSC; memo 0705/008249 of 22 Dec 00	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Pizzella, Paul F.	Yes	Approved by RSC; ltr 6470 Ser 0705B/907999 of 10 Nov 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Turton, David B.	Yes	Approved by RSC; ltr 6470 Ser 0705B/006702 of 6 OCT 00	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200, 35.300 Training: 10 CFR 35.910, 35.920, 35.930 (ABNM)
Wallace, Sharon K.	Yes	Approved by RSC; ltr 6470 Ser 0705B/900048 of 6 Jan 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200 Training: 10 CFR 35.910(a)(2), 35.920(a)(2) (ABR)
Yedinak, Michael A.	No	Approved by RSC; 29 Jul 99, and NRSC ltr 6470 Ser N455C/9U595875 of 19 Aug 99	Use: NRMP 45-00183-11NP; 10 CFR 35.100, 35.200, 35.300 Training: 10 CFR 35.971, 35.930(b) Named on NRMP 45-00183-11NP
BRACHYTHERAPY			
Martin, Douglas D.	Yes	Approved by RSC; memo 6470 Ser 0705B/100 of 31 Oct 95	Use: NRMP 45-00183-11NP; 10 CFR 35.400 Training: 10 CFR 35.940, 35.960 (ABR)
Sobczak, Mark L.	Yes	Approved by RSC; memo 6470 Ser 0705B of 20 May 94	Use: NRMP 45-00183-11NP; 10 CFR 35.400 Training: 10 CFR 35.940, 35.960 (ABR)
VanTuyt, Michael C.	No	Approved by RSC on 28 Feb 97, and by CNO ltr 6470 Ser N455C/6U598589 of 30 Dec 96 (for Part 35.400). Approved by RSC on 13 Dec 96; CNO ltr 6470 Ser N455C/6U598569 of 03 Dec 96 (for Part 35.600).	Use: NRMP 45-00183-11NP; 10 CFR 35.400 Training: 10 CFR 35.940, 35.960 (Supp. A/B) (Named on NRMP 45-00183-11NP)

RADIATION SAFETY COMMITTEE APPROVAL WORKSHEET NRMP 45-00183-11NP AUTHORIZED USER

By signing below, we indicate that we have reviewed CAPT David Turton's certification, training and experience, and determined that he meets the training requirements of 10 CFR Parts 35.910, 35.920 and 35.930. Furthermore, we recommend approving him as an authorized user of byproduct material under NRMP 45-00183-11NP for uptake, dilution and excretion studies (10 CFR Part 35.100), imaging and localization studies (10 CFR Part 35.200), and therapeutic administration (10 CFR Part 35.300). Comments or reasons for recommending disapproval are listed in the lower portion of the page.

COMMITTEE MEMBER	REPRESENTATION	SIGNATURE	DATE
ROWLEY, DENNIS, CAPT, MC	Management		13 Sept 00
VANTUYL, MICHAEL, CDR, MC	Committee Chairman. & Brachytherapy authorized users		13 Sept 00
McBRIDE, PATRICK, CDR, MC	Nuclear Medicine authorized users		13 Sept 00
HERNANDEZ, REBECCA, CDR, NC	Nursing Services representative for Angiography	1.	
LIOTTA, PHILIP, LCDR, MSC	Radiation Safety Officer NRMP 45-00183-1NP		13 SEP 00
GLENNON, BRENDAN, LCDR, MSC	Assistant Head, Radiology Department		13 Sept 00
ZAWACKI, KEVIN, LCDR, MC	Cardiology		13 Sept 00
LIBBY, MICHAEL, LCDR, MSC	Blood Bank		13 SEP 00
SULLIVAN, MARY, LCDR, NC	Nursing Services representative for Brachytherapy & Radiopharmaceutical therapy	1.	
FETHERSTON, PAMELA, LCDR, MSC	Assistant Radiation Safety Officer		13 Sept 00
MINER, STEVE, LT, MSC	Head, Nuclear Medicine Assistant Radiation Safety Officer		9/13/00

COMMITTEE'S COMMENTS AND RECOMMENDATIONS:

1. LCDR Hernandez & LCDR Sullivan not present.

OPNAVINST 6470.3

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.

1 - COMMAND COMMANDER NAVAL MEDICAL CENTER 620 JOHN PAUL JONES CIRCLE PORTSMOUTH, VA 23708-2197	2 - PERMIT NO. 45-00183-11NP
	3 - AMENDMENT NO. 10
	4 - DOCKET NO.
	5 - EXPIRATION DATE 31 MARCH 2001

**6 - RADIOACTIVE
MATERIAL**

**7 - CHEMICAL/
PHYSICAL FORM**

**8 - MAXIMUM QUANTITY
AUTHORIZED**

a. Byproduct material for in vitro use as specified in 10 CFR 31.11 in amounts as needed.

b. Byproduct or accelerator produced material in a radiopharmaceutical for diagnostic use involving measurements of uptake, dilution or excretion as specified in 10 CFR 35.100 in amounts as needed.

c. Byproduct or accelerator produced material, excluding gases, in a radiopharmaceutical for diagnostic use involving imaging and localization as specified in 10 CFR 35.200 in amounts as needed.

d. Byproduct or accelerator produced material in a radiopharmaceutical for therapeutic use as specified in 10 CFR 35.300 and 10 CFR 35.75 in amounts as needed.

e. Sealed sources for brachytherapy use as specified in 10 CFR 35.400 in the maximum amount of 1200 millicuries.

NAVAL RADIATION SAFETY COMMITTEE

SUPPLEMENTARY SHEET

Naval Radiation Safety Committee

Radioactive Materials Permit

PERMIT NO.

45-00183-11NP

AMENDMENT NO.

10

f. Strontium-90 as a sealed source in an applicator for treatment of superficial eye conditions as specified in 10 CFR 35.400 in the maximum amount of 100 millicuries.

g. Cesium-137, as ORIS/CBI Model CSL-15 sealed sources, in the maximum amount of 4000 curies for use in ORIS/CBI Model IBL-437C irradiator for irradiation of blood and blood products

PERMIT CONDITIONS

9. The Command's Naval Radioactive Materials Permit (NRMP) is amended and reprinted in its entirety. Changes to your permit are printed in bold typeface. Your permit applications and other correspondence as listed in Permit Condition 25 are considered an integral part of this NRMP and shall be maintained on file with the permit.
10. Radioactive material authorized by this Permit shall be stored and used only at Naval Medical Center, Portsmouth, VA.
11. The Radiation Safety Officer for the use of radioactive material authorized by this Permit is LCDR P. L. Liotta, MSC, USN.
12. Radioactive material shall be used by, or under the supervision of, individuals designated by the Command's Radiation Safety Committee.
 - a. The use of radioactive materials in or on humans shall be by a physician as defined in 10 CFR 35.2.
 - b. The Command's Radiation Safety Committee may approve authorized users of radioactive material after verifying that the individual is board certified by organizations specified in Subpart J of 10 CFR 35 or was previously identified as an authorized user on another NRMP or license issued by the NRC or an Agreement State. The Command's Radiation Safety Committee records shall clearly document the basis for

SUPPLEMENTARY SHEETNaval Radiation Safety CommitteeRadioactive Materials Permit

PERMIT NO.

45-00183-11NP

AMENDMENT NO.

10

(6) Reports of leaking sources (10 CFR 35.59).

b. Written notification to Chief of Naval Operations (N45) within 15 days with an information copy to Navy Environmental Health Center. An advance copy and/or telephone report to N45 should also be made to ensure notification within 15 days for the following:

(1) Overexposure and excessive levels and concentrations (10 CFR 20.2203).

19. The Command may make minor changes in radiation safety procedures as described in 10 CFR 35.31 after conducting an internal review and obtaining approval of the Command's Radiation Safety Committee, as long as compliance with NRC regulations is maintained. No formal amendment request is required but an information copy of any such approval should be forwarded to NAVENVIRHLTHCEN. An amendment request to this Permit is required for a change in Radiation Safety Officer, additional types of use of radioactive material, or new location of use of radioactive material.
20. The permittee shall conduct a physical inventory every six months to account for all sealed and unsealed sources, including waste, received and possessed under this permit. (Unsealed radioactive material possessed and used under 10 CFR Part 35 is excepted from this condition.) 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 and storage, the date of the inventory, and will be signed by the Radiation Safety Officer.
21. 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