

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

12-06092-01

Docket or Reference number

030-01467

Amendment No. 47

Department of the Navy
Naval Hospital, Bldg. 200-H
Great Lakes, Illinois 60088

In accordance with letter dated July 30, 1985, License Number 12-06092-01 is amended as follows:

Condition 12. is amended to read:

12. A. Licensed material shall be used by, or under the supervision of, individuals designated by the Radiation Safety Committee.
- B. The use of licensed material in or on humans shall be by a physician.
- C. Physicians designated to use licensed material in or on humans shall meet the training and experience criteria established in Appendix A of Regulatory Guide 10.8 (Revision 1), dated October 1980 and as revised December 2, 1982 (47 FR 54376).
- D. The Radiation Protection Officer for the activities authorized by this license is LT Julian Manders, MSC,USN.

FOR THE U. S. Nuclear Regulatory Commission

OCT 10 1985
DATE _____

BY _____

Francis A. H. May
Material Licensing Branch
Division of Fuel Cycle and
Material Safety
Washington, D. C. 20555

8510310113 851010
NMSS LIC30
12-06092-01 PDR

MLCO

Send Copy To Region III

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DEPARTMENT OF THE NAVY
NAVAL MEDICAL COMMAND
WASHINGTON, D.C. 20372

Amend 01467
✓ -01 30 - 00169
-02 30 -

IN REPLY REFER TO
6470/4
Ser 21/0486
3 Sep 85

FIRST ENDORSEMENT on CO NAVHOSP Great Lakes IL ltr 6470 NH-55
Ser: 1978 of 30 July 1985

From: Commander, Naval Medical Command
To: Radioisotope Licensing Branch, Division of Fuel Cycle and
Material Safety, Office of Material Safety and Safeguards,
U. S. Nuclear Regulatory Commission, Washington, DC 20555

Subj: NUCLEAR REGULATORY COMMISSION BYPRODUCT MATERIAL LICENSE
NUMBERS 12-06092-01 AND 12-06092-02

Ref: (b) PHONCON Nuclear Regulatory Commission (John
Hickey)/NAVMEDCOM (LCDR Williams) of 30 August 1985

1. Forwarded, recommending approval.
2. As discussed in reference (a), we are providing two copies of this correspondence. Please amend both licenses by adding LT J. H. Manders, MSC, USN as Radiation Safety Officer.
3. Our point of contact is LCDR G. E. Williams, MSC, USN, MEDCOM-21, Commercial 202-653-1182/1185.

R. A. Nelson
R. A. NELSON
Deputy Commander for
Fleet Readiness and Support

Copy to:
NAVHOSP Great Lakes IL

Done
8510290463
FREE EXEMPT

85 SEP -6 P2:48

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DEPARTMENT OF THE NAVY
NAVAL HOSPITAL
GREAT LAKES, ILLINOIS 60088

IN REPLY REFER TO:

6470
NH-055
Ser: 1978
30 July 1985

From: Commanding Officer, Naval Hospital, Great Lakes, IL 60088-5237
To: Director, Material Licensing Branch, Division of Fuel Cycle
and Material Safety, Office of Nuclear Material and Safeguards,
U. S. Nuclear Regulatory Commission, Washington, D. C. 20055

Via: Commander, Naval Medical Command, MEDCOM-21, Washington, D. C.
20372

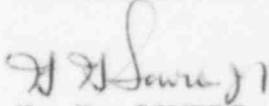
Subj: NUCLEAR REGULATORY COMMISSION BYPRODUCT MATERIAL LICENSE
NUMBERS 12-06092-01 AND 12-06092-02

Ref: (a) U. S. NRC Regulatory Guide 10.8

Encl: (1) NRC Form 313M Supplement A for Lieutenant Julian Manders
(2) Curriculum Vitae for Lieutenant Julian Manders

1. It is requested that subject license numbers be amended as follows:

a. Radiation Safety Officer - Lieutenant Julian Manders, MSC, USN.
His training and experience with radiation safety and his curriculum
vitae are attached as enclosures (1) and (2). His appointment has been
recommended by the Radiation Safety Committee.


H. H. SOWERS, Jr.

Dup
8510290466

TRAINING AND EXPERIENCE
AUTHORIZED USER OF RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Julian H. Manders, LT MSC USN		2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE		
3. CERTIFICATION				
SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C		
4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES				
FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING		
		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D	
a. RADIATION PHYSICS AND INSTRUMENTATION	Naval School of Health Sciences Bethesda, MD Jan 78 to Feb 78 (see attached sheet)	16/16	8	
b. RADIATION PROTECTION	Naval Undersea Medical Institute Groton, CT Feb 78 to Mar 78 (see attached sheet)	16/2	2	
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Naval School of Health Sciences Bethesda, MD Jan 78 to Feb 78 (see attached sheet)	4/2		
d. RADIATION BIOLOGY	Naval Undersea Medical Institute Groton, CT Feb 78 to Mar 78 (see attached sheet)	8	2	
e. RADIOPHARMACEUTICAL CHEMISTRY	University of California (UCLA) Los Angeles, CA Sep 83 to Jun 85	4/40	40	
5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)				
ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Ra-226	50 radioluminescent markers	Radiological Affairs Support Office, Port Hueneme, CA	2 years	surveys & removal at various sites
Ir-192	100 Ci	Rockwell International Los Angeles, CA	2 weeks	industrial radiography
U-238	50 lb	Radiological Affairs Support Office, Port Hueneme, CA	2 years	training and demonstrations
Tc-99m	6 Ci	VA Hospital, Sepulveda, CA	3 months	clinical
Co-60	6000 Ci	University of California Los Angeles, CA	3 months	clinical

NRC Form 313M (cont)

4a. Naval Undersea Medical Institute Groton, CT Feb 78 to Mar 78	40/16	8
Naval Nuclear Power School Orlando, FL Jan 77 to Aug 77	200	
Naval Nuclear Propulsion Training Idaho Falls, ID Aug 77 to Dec 77	200/16	100
University of California (UCLA) Los Angeles, CA Sep 83 to Jun 85	200/150	40
Rockwell International Los Angeles, CA Sep 81	12/30	80
Radiological Affairs Support Office Port Hueneme, CA Oct 81	16/4	4

TOTALS

684/232240

4b. Naval Nuclear Power School Orlando, FL Jan 77 to Aug 77	8	
University of California (UCLA) Los Angeles, CA Sep 83 to Jun 85	40	
Rockwell International Los Angeles, CA Sep 81	4	
Radiological Affairs Support Office Port Hueneme, CA Oct 81	8	2

TOTALS

764

4c. Naval Nuclear Power School Orlando, FL Jan 77 to Aug 77	80	
University of California (UCLA) Los Angeles, CA Sep 83 to Jun 85	80	
Rockwell International Los Angeles, CA Sep 81	4	
Radiological Affairs Support Office Port Hueneme, CA Oct 81	8	

TOTALS

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NRC Form 313M (cont)

4d. Naval Nuclear Power School Orlando, FL Jan 77 to Aug 77	4
University of California (UCLA) Los Angeles, CA Sep 83 to Jun 85	40
Rockwell International Los Angeles, CA Sep 81	4
Radiological Affairs Support Office Port Hueneme, CA Oct 81	8
TOTALS	<u>64</u>

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