



DEPARTMENT OF THE NAVY

NAVY ENVIRONMENTAL HEALTH CENTER  
2510 WALMER AVENUE  
NORFOLK, VIRGINIA 23513-2617

6470  
Ser 311np/08338  
20 AUG 1990

From: Commanding Officer, Navy Environmental Health Center  
To: Distribution List

Subj: INFORMATION REGARDING THE NAVY RADIOACTIVE MATERIAL PERMIT (NRMP) PROGRAM

1. The following information is forwarded for review and appropriate action by the Radiation Safety Officer, Radiation Safety Committee, or other personnel as appropriate.

2. So far this year, there have been four misadministrations at Navy Medical Commands caused by injection of the patient with the wrong radiopharmaceutical. It appears that a contributing factor to these misadministrations was a lack of attention to the correct procedures by the technician.

a. One misadministration was caused by the technician picking up the wrong syringe and not checking the label prior to injecting the patient.

b. One misadministration was caused by the technician not checking the label on the radiopharmaceutical container prior to drawing up patient dose.

c. Two misadministrations were caused by placing the correctly labeled radiopharmaceutical vials into incorrectly labeled lead pigs.

Recommend that your procedures to ensure the correct radiopharmaceutical is used for each patient be reviewed with all technicians and authorized users.

3. During inspection of several Medical Department activities by this command, the following discrepancies were identified:

a. Documentation of approval of authorized users was incomplete.

(1) The records of the Radiation Safety Committee meeting at which authorized users are approved to use radioactive material must contain the following:

(a) A copy of supplements A and B of NRC Regulatory Guide 10.8 showing training and experience if the authorized user is not board certified, or a copy of supplement A if the authorized user is board certified.

(b) A copy of the authorized user's current state license to prescribe drugs in the practice of medicine.

(c) A statement specifying the types of use of radioactive material authorized; e. g., imaging and localization studies, radiopharmaceutical therapy.

b. The thyroid burden of individuals who administer iodine-131 doses of 30 millicuries or greater was not measured within three working days after administering the dosage as required by 10 CFR 35.315(a)(8).



Subj: INFORMATION REGARDING THE NAVY RADIOACTIVE MATERIAL PERMIT (NRMP) PROGRAM

c. Results of internal monitoring, i.e. thyroid burdens, were not recorded on individual's DD 1141, Record of Exposure to Ionizing Radiation, or reported on the Annual or Situational Report of Personnel Exposure to Ionizing Radiation, as required by paragraph 5-2(2)(g) of NAVMED P-5055, Radiation Health Protection Manual.

d. Records of radioactive waste disposal by decay-in-storage were not in accordance with 10 CFR 35.92(b).

e. Training of personnel working in a restricted area, as required by 10 CFR 19.12, was not conducted at the frequency specified in the NRMP application.

4. The 1990 complete revision to NAVMED P-5055, Radiation Health Protection Manual has been distributed. You should ensure that your command has received a copy.

5. Commands are reminded if they agreed to follow the Model Personnel External Exposure Monitoring Program, Appendix D of NRC Regulatory Guide 10.8 revision 2, they shall issue a TLD finger monitor to personnel who prepare or inject radiopharmaceuticals or handle radioactive material.

6. Any questions regarding your Radiation Safety Program can be directed to the Radiation Health Department, AUTOVON: 564-4657 or Commercial: (804) 444-4657, Ext. 266.



P. J. DURFEE  
By direction

Distribution:

NATNAVMEDCEN Bethesda MD  
(Attn: CDR J. DeCicco, MSC, USN)  
(Attn: CDR M. Taylor, MSC, USN)  
NAVHOSP Bremerton WA  
(Attn: LT J. Campbell, MSC, USN)  
NAVOSP Camp Lejeune NC *LCDR T. BUCCAMBUSO*  
(Attn: ~~CAPT J. F. Navoy~~, MC, USN) *(R)*  
NAVHOSP Camp Pendleton CA  
(Attn: CDR L. Menestrina, MC, USN)  
NAVHOSP Charleston SC  
(Attn: LCDR A. Grosso, MSC, USN)  
NAVHOSP Corpus Christi TX  
(Attn: Nuclear Medicine Department)

NAVHOSP Great Lakes IL  
(Attn: LT T. Mohaupt, MSC, USN)  
NAVHOSP Groton CT  
(Attn: LCDR T. Hasselbacher, MSC, USN)  
NAVHOSP Guam  
(Attn: CAPT J. Fulmer, MC, USN)  
NAVHOSP Jacksonville FL  
(Attn: LT R. Long, MSC, USN)  
NAVHOSP Long Beach CA  
(Attn: CDR D. Howard, MC, USN)  
NAVHOSP Millington TN  
(Attn: Nuclear Medicine Department)



Subj: INFORMATION REGARDING THE NAVY RADIOACTIVE MATERIAL PERMIT (NRMP)  
PROGRAM

Distribution: (Cont'd)

NAVHOSP Newport RI  
(Attn: CAPT G. Mathews, Jr., MC,  
USN)  
NAVHOSP Oakland CA  
(Attn: CDR M. Grissom, MSC, USN)  
NAVHOSP Okinawa JA  
(Attn: LT F. Scalfano, MC, USN)  
NAVHOSP Orlando FL  
(Attn: LT K. Bolds, MSC, USN)  
NAVHOSP Pensacola FL  
(Attn: CAPT F. Mannarino, MC, USN)  
NAVHOSP Philadelphia PA  
(Attn: CAPT F. Khan, MC, USNR)  
NAVHOSP Portsmouth VA  
(Attn: LCDR A. Pulcrano, MSC, USN)  
(Attn: LCDR P. Blake, MSC, USN)  
NAVHOSP San Diego CA  
(Attn: CDR G. Williams, MSC, USN)  
NAVDRUGLAB Great Lakes IL  
NAVDRUGLAB Jacksonville FL  
NAVDRUGLAB Norfolk VA  
NAVDRUGLAB Oakland CA  
NAVDRUGLAB San Diego CA  
NAVUSEAMEDINSTITUTE Groton CT  
(Attn: LT T. Naquin, MSC, USN)  
NAVMEDRSCHINSTITUTE Bethesda MD  
(Attn: LTJG K. Rider, MSC, USN)  
NAVDENTALRSCHINSTITUTE Great Lakes IL  
(Attn: Dr. L. Simonson, Ph.D.)  
NAVAEROMEDRSCHLAB Pensacola FL  
(Attn: LTJG J. King, MSC, USN)  
NAVMEDRSCHU TWO Manila RP

NAVMEDRSCHU TWO DET Jakarta ID  
NAVMEDRSCHU THREE Cairo EG  
NAVMEDRSCHINSTITUTE DET Lima Peru  
NAVENPVNTMEDU TWO Norfolk VA  
(Attn: CIHL)  
NAVENPVNTMEDU FIVE San Diego CA  
(Attn: CIHL Mare Island)  
(Attn: CIHL San Diego)  
NAVENPVNTMEDU SIX Pearl Harbor HI  
(Attn: CIHL)

Copy to:  
CNO (OP-45)  
CHBUMED (BUMED-21)

