



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

January 29, 1991

MEMORANDUM FOR: Scott W. Moore, NMSS


FROM: Hugh L. Thompson, Jr.
Deputy Executive Director for Nuclear
Materials Safety, Safeguards, and
Operations Support

SUBJECT: ACTIVE MILITARY DUTY

This responds to your request of January 28, 1991 for authorization from the NRC to work for the U.S. Army in facilities licensed by the NRC. You indicated that you are a Reservist who has been called to active duty effective February 1, 1991. You have been assigned to Walter Reed Army Medical Center as a Nuclear Medical Science Officer. That facility is an NRC byproduct materials licensee. You could subsequently be assigned to other military facilities and duties, perhaps even as a Radiation Safety Officer.

I am authorizing you to perform whatever duties are assigned to you by the military relating to NRC regulated activities. For conflict of interest reasons, it is NRC's policy that its employees while on Reserve Duty not perform duties for our licensees on matters falling within the regulatory jurisdiction of the NRC. This, however, is an unusual circumstance. Here you will be on active duty and will not be paid by the NRC (once your annual leave runs out). I have concluded that under the circumstances military needs outweigh any conflict of interest considerations. This approval is premised on the condition that you not be assigned to any matters involving Walter Reed Army Medical Center or any other military facility that you are subsequently assigned for a two year period after you resume your NRC employment. I also ask that you provide a copy of this letter to the appropriate military officials.

I wish you well in your challenging new assignment.


Hugh L. Thompson, Jr.
Deputy Executive Director for
Nuclear Materials Safety,
Safeguards, and Operations
Support

cc: Robert Bernero, NMSS
Richard Cunningham, NMSS
Trip Rothschild, OGC

RADIATION SAFETY EVALUATION FOR USE OF RADIOACTIVE MATERIAL

A radiation safety evaluation will be conducted by the Health Physics office prior to:

- Approval of a new radioactive material authorization.
- Annual review of an authorization.
- A change in a current authorization such as isotopes, quantities, rooms, protocols, etc.

(Completed by Principal User)

1. General Information:

a. Authorization Number 91-1 Number of Techs & Co-workers 1

b. Principal User 1LT Scott W. Moore

c. Phone Number 361-8411

2. Radioactive Materials Authorized:

Isotope	Total Quantity Authorized	One Time Use Quantity	Physical Form	Chemical Form
Atom Nos. 1-84	50 mCi	50 mCi	Any	Any

If more space is needed, attach additional sheets.

(Completed by Radiation Protection Officer)

3. Authorized Use Area: Room Number(s) Bldgs 505, T-600, T-603

a. Work Benches

 Absorbent paper ☒ Y ☐ N ☐ NA

 Radioactive material labeling ☒ Y ☐ N ☐ NA

b. Waste Receptacles

 Solid waste ☒ Y ☐ N ☐ NA

 Liquid waste ☒ Y ☐ N ☐ NA

c. Authorized Sink Disposal ☒ Y ☐ N ☐ NA

 Disposal log ☒ Y ☐ N ☐ NA

d. Fume Hood Required ☒ Y ☐ N ☐ NA

 Air flow check ☐ Y ☐ N ☒ NA

e. Signs

 Room entrance ☒ Y ☐ N ☐ NA

 Storage area ☒ Y ☐ N ☐ NA

 Waste ☒ Y ☐ N ☐ NA

f. Shielding ☒ Y ☐ N ☐ NA

4. Personnel Safety Requirements:

- a. Gloves ☒ Y ☐ N ☐ NA
b. Lab coats ☐ Y ☐ N ☒ NA
c. Shoe covers ☐ Y ☐ N ☒ NA
d. Eye protection ☒ Y ☐ N ☐ NA
e. Syringe shields ☐ Y ☐ N ☒ NA
f. Other _____

5. Instrumentation and Personnel Monitoring:

- a. Dosimetry ☒ Y ☐ N ☐ NA
Whole body X Wrist _____ Collar X Ring TLD X
b. Room monitor ☒ Y ☐ N ☐ NA Type Eberline RM-14
c. Survey instrument ☒ Y ☐ N ☐ NA Type Eberline 120
d. Air samples ☐ Y ☐ N ☒ NA
e. Bioassays ☐ Y ☐ N ☒ NA Type _____
How often? _____
f. Dose rate surveys ☒ Y ☐ N ☐ NA How often? Weekly By HP Tech
g. Contamination surveys ☒ Y ☐ N ☐ NA How often? Weekly By HP Tech

6. Health Physics Comments:

Counting Lab moved to Bldg 600. No waste storage will occur in Building 600.
All samples will be removed by COB each day.

7. ALARA: Based on this evaluation, maximum individual exposures should not exceed
2 millirem per month. An investigational exposure limit of _____
millirem will be used by the Health Physics office to maintain exposures ALARA.

Evaluation conducted by Christopher J. Clayton Date 15 Feb 91
2LT, MS

Signature _____