

FEB 22 1982

2/15 - Tamas called  
the letter not rec'd.  
Mr. Horne  
another copy  
mailed using  
correct address.  
20M.  
(Tamas' copy mailed)  
Re Mailed 3/24/82  
20M.  
also to  
73. 100-3000  
(4-3000-3000)

FCML:PG  
(08476)  
030-05248

Department of the Army  
Electronic Research and Development  
Command  
ATTN: Steven A. Horne  
DREL-SS-H DRDEL-SS  
Fort Monmouth, NJ 07703

Gentlemen:

This refers to your letters dated September 10, 1981 and October 23, 1981, concerning the renewal of License No. 29-01022-06.

Please provide additional information concerning the following:

1. Item 8.D. (1) in your application specifies that you will possess 1,000 millicuries of any radionuclide with atomic numbers 3-83, inclusive. Please specify the maximum (or grand total) quantities of the 3-83 radionuclides to be possessed at any one time under your license.
2. Your letter dated October 31, 1981 states, in part, that Steven A. Horne is your new Radiation Protection Officer. If Mr. Horne has also been designated as the new chairman of your Ionizing Radiation Control Committee, please specify this. If not, we need the name and qualification of your new chairman.
3. Although a document attached to your application (ERADCOM-R 385-1) makes some reference to training responsibilities, your application does not describe your qualification requirements for persons to be designated as individual users. We need to know the criteria used by you in determining that persons are qualified to be designated as individual users, (formal studies, special training, on-the-job experience, etc). Please note that all of your employees frequenting your restricted areas should receive the instructions described in Section 19.12, 10 CFR Part 19. Individual users should also receive training which is specific to the kinds of activities they will perform with licensed material. In providing this information, please describe how you determine the competency of individual users, (oral or written tests, on-the-job observations, etc.).

AA/58


- 4. Although your letter dated September 10, 1981 describes some of your procedures for assuring that you meet the ALARA concept this information is not sufficient to enable us to conclude that your program is likely to meet the ALARA concept. Please refer to the enclosed Regulatory Guide 8.10 OPERATING PHILOSOPHY FOR MAINTAINING OCCUPATIONAL EXPOSURES AS LOW AS IS REASONABLE ACHIEVABLE and to Section 1.4 in the enclosed Regulatory Guide 10.5. We will accept your program as meeting our guidelines for the ALARA concept if you will specify in writing that you will make reasonable efforts to maintain personnel exposures to within 10 percent of the limits specified in 10 CFR Part 20. Also, you need to specify that whenever an individual exposure exceeds the 10 percent guideline, that you will review each occurrence to determine the corrective actions to be taken to assure that all future exposures stay within the 10 percent guideline.

Our review of your application will continue upon receipt of the above information. Please provide two (2) copies of your reply and reference mail control number 08476.

Sincerely,

Paul R. Guinn  
 Material Licensing Branch  
 Division of Fuel Cycle and  
 Material Safety

Enclosures: As stated

cc: Department of the Army  
 U.S. Army Material Development  
 and Readiness Command  
 ATTN: DRCSF-P  
 5001 Eisenhower Avenue  
 Alexandria, VA 22333

DISTRIBUTION

PRGuinn  
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