UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

November 16, 2010

Docket No. 030-36434 License No. 20-30847-01
Control No. 573579

Colonel Gaston P. Bathalon
Commander
Department of Army
U.S. Army Research Institute
of Environmental Medicine (USARIEM)
Kansas Street, Building 42
Natick, MA 01760-5007

SUBJECT: DEPARTMENT OF ARMY, LICENSE AMENDMENT, CONTROL NO. 573579

Dear Colonel Bathalon:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Please note that in your application three amendments to the Nuclear Regulatory Commission License 20-30847-01 were requested. No amendment is necessary to the first two actions request as follows:

(1) Iodine 125 cannot be transferred to a General License because your research facility does not fall under 10 CFR 31.11 provisions, which states that the general license is applicable only to any physician, veterinarian, clinical laboratory or hospital. You stated that Iodine 125 has been used at your facility to run blood tests as part of stress measurements with RIA kits. However, your facility is not a clinical laboratory or hospital, nor is your use of the RIA kits performed by a physician.

(2) Regarding your second amendment request about removing the requirement for dosimetry monitoring, no amendment to the license is necessary because the license application committed to NUREG-1556, Volume 7, Item 8.10.4, as per your Form 313, Item #10 “Monitoring and Radioactive Contamination”, which states: “*We have done a prospective evaluation and determined that unmonitored individuals are not likely to receive, in one year a radiation dose in excess of 10% of the allowable limits in 10 CFR 20 or we will monitor individuals in accordance with the criteria in the section entitled "Radiation Safety Program-Occupational Dose" in NUREG-1556, Volume 7."* Therefore, you may opt to do a prospective evaluation at any time, instead of issuing

dosimetry. This evaluation should be available during inspection of your licensed activities.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 6:30 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by Elizabeth Ullrich***

Betsy Ullrich
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 3

cc: Michael Blaha, Radiation Safety Officer

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**SUNSI Review Complete:** MArribas/EUllrich

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| NAME | MArribas/MA | | EUllrich/EU | | | | | |
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