



DEPARTMENT OF THE ARMY
WATERVLIT ARSENAL
1 Buffington Street
WATERVLIT, NY 12184000

April 4, 2008

REPLY TO
ATTENTION OF:

NMSB 2

Office of the Commander

Licensing Assistant Section
Nuclear Materials Branch
U.S. Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

Dear Sir or Madam:

31-07595-02

This is a request to amend License No. ~~31-0795-02~~, Docket No. 030-15089, which is used by Watervliet Arsenal (WVA) to manufacture and assembly the 60 mm mortar. As discussed below, I am requesting that our license be amended to increase the allowable possession limit for tritium, Hydrogen-3 from 3,000 curies to 5,000 curies. It is important to note that WVA does not manufacture any radioactive sources. The current WVA license allows installation of a 3.2 curies tritium source in the 60 mm mortar handle assembly, and to possess an inventory of 3,000 curies in total.

In support of Operations Iraqi Freedom and Enduring Freedom, WVA increased production of the 60 mm mortar and the 81 mm mortar significantly. Presently, we are not placing or assembling any sources on the weapons systems. Once the non-radioactive components are manufactured, we are placing the sources into the mortar crates prior to shipment. Installation of the actual radioactive source is being conducted under the Department of the Army, U.S. Army Tank-Automotive and Armaments Command-Rock-Island Arsenal, NRC license number 12-00722-06. Because of the increased number of mortars being manufactured, I am requesting that our license be amended to increase the allowable possession limit for tritium, Hydrogen-3 from 3,000 curies to 5,000 curies. All of the same controls spelled out in WVA's license will be followed. Our monitoring, inventory, and bio-assay requirements exceed the requirements under the Rock Island TACOM command license.

Ms. Sally D'Agostino, Radiation Safety Officer for Watervliet will be my POC for this action. She can be reached at phone number (518) 266-5633 or email sally.a.dagostino@us.army.mil. Please contact her if you require any additional information or clarifications regarding this application.

Sincerely,

Kevin R. Moore
Colonel, U. S. Army
Commanding

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Providing Weapons to Warfighters

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