DEPARTMENT OF THE ARMY
HEADQUARTERS, U. S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

28 January 1986

US Nuclear Regulatory Commission
Region IV
ATTN: Materials Licensing Branch
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

Reference: AMCSF-P/86-0017

Gentlemen:

Forwarded are two copies of the Rocky Mountain Arsenal request to amend US Nuclear Regulatory Commission (NRC) license 05-07157-02. The amendment requests reflection of current radiation protection officers and source locations.

Please acknowledge receipt of correspondence on enclosed DA Form 209, Mail Reply Card.

Sincerely,

for DARWIN N. TARAS
Chief
Safety Office

Enclosures

Copies Furnished:

HQDA(DASG-PSP-E) WASH DC, 20310 2 cys w/encl
Director, AMC FSA, Charlestown, IN 47111 w/encl

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DEPARTMENT OF THE ARMY
ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-2180

REPLY TO
ATTENTION OF

SMCRM-SF

24 October 1985

SUBJECT: Amendment Number 05 to Byproduct Material License Number 05-07157-02 - Rocky Mountain Arsenal

THRU: Commander
US Army Armament, ~~Munitions~~ and Chemical Command
ATTN: AMSMC-SEP
Rock ~~Island~~, IL 61299-6000

APS 11/1/85

TO: Commander
US Army Materiel Command
ATTN: AMCSF-P
5001 Eisenhower Avenue
Alexandria, VA 22333-0001

1. Reference AR 385-11.

2. Request that the following changes be made to RMA's NRC License 05-07157-02:

a. Change the names of the Radiation Protection Officer and Alternate Radiation Protection Officer. See enclosures 1 and 2.

b. Location of sources and instruments are at enclosure 3. (These changes are the same as the previous report.)

3. RMA - Providing Leaders the Decisive Edge.

FOR THE COMMANDER:

Alma T. Harris
ALMA T. HARRIS
Safety Manager

3 Encls
As stated

FEE EXEMPT

Supplement 1

NAME: Tommy L. Wardrup

JOB TITLE: Analytical Chemist, GS-11, Analytical Systems Branch

EDUCATION BACKGROUND: Sep 59 - May 60 Xavier University - New Orleans, LA
1963 Grambling College, Grambling, LA BA
1965-1968 University of Missouri, K.C., MO, Graduate Courses, Biochemistry
1971-1973 Colorado State University, Ft Collins, CO Graduate Courses, MBA
1975-1977 University of Colorado, Denver, Graduate Courses, Chemistry
1983 to Present Aurora Community College, Aurora, CO Computer Courses

SPECIAL TRAINING: Dec 69-Aug 73 Special training in Radiation Safety at Dow Chemical Co, Rocky Flats, CO

Dec 69-Aug 73 Special training with Non-Ionizing Radiation. Have worked with Helium-Neon and Argon Krypton Lasers.

VOCATIONAL TRAINING: 4 Sep-24 Sep 85 United States Army Chemical School, Ft McClelland, AL Radiological Safety Course. This training consisted of 120 hours of Principles and Practices in Radiation. Radioactivity measurements, standardization and monitoring techniques with different Radiac Meters. This course also emphasized methods of calculating shielding effect, dose rates, neutron flux, sewage-burial disposal rates and the shipping of Radioisotopes.

EXPERIENCE WITH ACTUAL USE OF RADIOISOTOPES: Dec 69-Aug 73 Dow Chemical Co Worked with a large number of Missile Materials: Uranium, Plutonium, Radium Americium, Thorium and many others.

Mar 78-Jan 85 Fitzsimons Army Medical Center Worked with Radioactive Carbon, Hydrogen, Iodine Phosphrous and numerous other radioactive biological compounds in medical research

EXPERIENCE WITH X-RAY DEVICES: None

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Supplement 2

NAME: Tamara S. Rayburn, CPT, CmlC

JOB TITLE: Chief, Management Support Office

EDUCATION BACKGROUND: BS, 1980 - Major in Biology, Minors in Chemistry, English, Military Science

MA, 1983 - Double Major in Personnel Management and Human Relations

SPECIAL TRAINING: None

VOCATIONAL TRAINING: Chemical Officers' Basic Course (Sep 80)

Chemical Officers' Advanced Course (Nov 84)
(This course did not include the 3-week RADSAFE course)

EXPERIENCE WITH ACTUAL USE OF RADIOISOTOPES: During training at the chemical school, we were exposed to radioisotopes for the purpose of learning to use various gamma, beta, and microwave detection devices.

EXPERIENCE WITH X-RAY DEVICES: None

Encl 2

Supplement 3

FACILITIES AND EQUIPMENT:

Six 15 Mci Ni63 Hewlett-Packard Model No. 18713A Electron Capture Detectors are used in Hewlett-Packard Model 5710A Gas Chromatographs. Two 15 Mci Ni63 Hewlett-Packard Model No. 18803-6052- Electron Capture Detectors are used (one in a Hewlett-Packard Model No. 5840A Gas Chromatograph and one in a Hewlett-Packard Model No. 5830A Gas Chromatograph.) One Ni63 8 Mci Varian Model No. 02-001792-00 Electron Capture Detector is used in a Varian 3700 Gas Chronatograph. All of these sources and instruments are located in Bldg. 743.

A Perkin-Elmer Sigma 1B Gas Chronatograph contains a 10 Mci Ni63 Electron Capture Detector Model No. 330-0119. This source and instrument is located in Bldg. 313.

The 300 Mci Titanium Tritide Model 200 detector cells used in Model No. 215ATA "Automated Tracer Gas Alarm Monitor, SF6 System" have been returned to System Science & Software.

Encl 3

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c. Exposure equal to or greater than Investigational Level II.

The RSO will investigate in a timely manner the cause(s) of all personnel exposures equaling or exceeding Investigational Level II and, if warranted, take action. A report of the investigation, actions taken, if any, and a copy of the individual's Form NRC-5 or its equivalent will be presented to the RSC at the first RSC meeting following completion of the investigation. The details of these reports will be recorded in the Committee minutes. Committee minutes will be sent to the management of this institiution for review. The minutes, containing details of the investigation, will be made available to NRC inspectors for review at the time of the next inspection.

d. Re-establishment of an individual occupational worker's Investigational Level II above that listed in Table I.

In cases where a worker's or a group of worker's exposures need to exceed Invesigational Level II, a new, higher Investigational Level II may be established on the basis that it is consistent with good ALARA practices for that individual or group. Justification for a new Investigational Level II will be documented.

The Radiation Safety Committee will review the justification for, and will approve, all revisions of Investigational Levels II. In such cases, when the exposure equals or exceeds the newly established Investigational Level II, those actions listed in paragraph c above will be followed.

VII. Reference U. S. NRC Regulatory Guide 10.8, Rev. 1 October 1980.

VIII. Signature of Certifying Official

I hereby certify that this institution has implemented the ALARA program set forth above.

Paul K Kennedy

PAUL K. KENNEDY
Medical Center Director

Colmery-O'Neil Veterans Administration Center
2200 Gage Blvd.
Topeka, KS 66622