



DEPARTMENT OF THE ARMY
 HEADQUARTERS US ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND
 5001 EISENHOWER AVE., ALEXANDRIA, VA. 22333

DRCSF-P/78-0059

24 May 1978

Director
 Nuclear Material Safety and Safeguards
 ATTN: Radioisotopes Licensing Branch
 US Nuclear Regulatory Commission
 Washington DC 20555

Gentlemen:

Forwarded is request from US Army Communications and Electronics Command (formerly US Army Electronics Command) for amendment to Byproduct Material License Numbers 29-01022-09 and 29-01022-11.

Changes are in name from US Army Electronics Command to US Army Communications and Electronics Command and the addition of new alternate Radiation Protection Officer.

Please acknowledge receipt of correspondence on inclosed NRC-46 Reply Card (Incl 3).

Sincerely,

DARWIN N. TARAS
 Chief, Health Physics
 Safety Office

3 Incl
 as

CF:
 HQDA (DASG-HCH-E) WASH DC 20310 w/incl 1 & 2 (dupe)
 Dir, DARCOM FSA, Charlestown IN 47111 w/incl 1 & 2

RECEIVED
 APR 25 1978

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DEPARTMENT OF THE ARMY
HEADQUARTERS US ARMY COMMUNICATIONS AND ELECTRONICS
MATERIEL READINESS COMMAND AND FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703

DRSEL-SF-H

4 May 1978

SUBJECT: US Nuclear Regulatory Commission (NRC) Byproduct Material
License Number 29-01022-09

Commander
US Army Materiel Development
and Readiness Command
ATTN: DRCSF-P
5001 Eisenhower Avenue
Alexandria, Virginia 22333

1. Reference is made to subject NRC license issued to the Department of the Army, Electronics Command, AMSEL-SF, Fort Monmouth, New Jersey 07703.
2. Due to the recent Army Materiel Acquisition Review Committee reorganization, it is requested that Item 1 to subject license be amended as follows:

Department of the Army
US Army Communications and Electronics
Materiel Readiness Command
ATTN: DRSEL-SF

3. It is also requested that subject license be amended to list Mr. Barry J. Silber as alternate Radiation Protection Officer for this command. Mr. Silber's qualifications are inclosed (Incl 1).

FOR THE COMMANDER:

1 Incl
as

Bernard M. Savaiko for
BERNARD M. SAVAIKO
Chief, Safety Office

Incl 1'

94858

BARRY J. SILBER, Health Physicist, US Army Communications and Electronics Materiel Readiness Command (CERCOM), Fort Monmouth, New Jersey.

a. Education:

(1) A.A. - Brooklyn College of the City University of New York, Brooklyn, New York - 1965.

(2) B.S. - Brooklyn College of the City University of New York, Brooklyn, New York - 1969. Major: Chemistry.

b. Professional Experience:

(1) October 1966 - May 1967:

Allen Pharmacal Corporation, 175 Pearl Street, Brooklyn, New York.
Laboratory Technician - Analytical Chemistry Laboratory.
Laboratory analyses of pharmaceuticals at various stages of manufacture to insure compliance with Food and Drug Administration Regulations as well as United States Pharmacopeia and National Formulary Monographs.

(2) June 1967 - March 1970:

EON Corporation, 175 Pearl Street, Brooklyn, New York.
Chemist - Responsible for all health physics activities, including radiation surveys, air sampling and wipe tests, leak testing of sealed sources, decontamination of facilities and equipment, disposal of radioactive wastes, calibration of radiation survey and measurement instrumentation, record-keeping, etc., to insure compliance with US Nuclear Regulatory Commission (NRC) and New York State Regulations; liaison between regulatory agencies and corporate management; authorized radiation worker (user) of multiple types of radioactive materials used in the manufacture of radiation sources for commercial, military and highly specialized (custom-made) use; responsible for all chemistry activities including metallurgical applications on products at various stages of manufacture to meet quality control specifications.

(3) March 1970 - June 1977:

State of New York Department of Labor, Division of Safety and Health, 2 World Trade Center, New York, New York.
Senior Radiophysicist - Radiological Health Unit.
Responsible for the review of applications, including the evaluation of facilities, equipment, personnel and products containing radioactive materials, and in the preparation of State licenses authorizing the possession and use of radioactive materials by persons in industry and related activities in this State; assist in the administration of the licensing program; consult with and assist industrial management personnel and others in establishing radiation protection programs; conduct inspections, special prelicensing investigations, radiation surveys and tests at the sites of licensees and registrants using radiation sources to enforce state regulations and to insure that radiation workers and the general public are fully protected; assemble environmental research data, analyze and interpret this data, assist in the publication of scientific reports, and training of new staff members.

(4) June 1977 - January 1978:
 US Army Electronics Command (ECOM), Fort Monmouth, New Jersey.
 Health Physicist - Responsible for health physics functions in the establishment and implementation of the ECOM Safety Program aimed at establishing life cycle controls of ECOM commodities utilizing radioactive material and ionizing radiation producing devices; responsible for the evaluation of radiological protection programs and radiation facilities to determine their adequacy and to insure compliance with DA Authorizations and NRC Licenses; perform studies and evaluations necessary to minimize the health risks to personnel; prepare and review applications for DA Authorizations and NRC Licenses; establish and maintain radiation protection records and files.

(5) January 1978 - Present:
 CERCOM, Fort Monmouth, New Jersey.
 Duties are the same as in Item b(4) above. Name change from ECOM to CERCOM.

c. Formal Training in Radiation Protection Methods, Measurements and Effects:

	<u>Duration of Training</u>	<u>On-The-Job</u>	<u>Formal Course</u>
(1) X-Ray Technology for Radiological Health Personnel-Memorial Hospital for Cancer and Allied Diseases, 444 East 68th Street, New York, New York - 11 January - 14 January 1971.	3 Days	No	Yes
(2) Orientation Course in Regulatory Practices and Procedures - NRC, Bethesda, Maryland - 1 March - 19 March 1971.	3 Weeks	No	Yes
(3) Health Physics and Radiation Protection - Special Training Division, Oak Ridge Associated Universities, Oak Ridge, Tennessee - 12 February 1973 to 20 April 1973. Sponsored by the NRC for Agreement State regulatory personnel.	10 Weeks	No	Yes
(4) Radiological Safety Course - US Army Ordnance and Chemical Center and School, Aberdeen Proving Ground, Maryland - 25 October - 15 November 1977.	3 Weeks	No	Yes

c. Experience with Radiation.

<u>Isotope</u>	<u>Maximum Amount</u>	<u>Duration of Experience</u>	<u>Type of Use</u>
(1) ^{14}C	60 mCi	3 years	For items 1 through 10- manufacture of sealed sources, health physics surveys and wipe tests.
(2) ^{32}P	10 mCi	3 years	
(3) ^{36}Cl	10 mCi	3 years	

<u>Isotope</u>	<u>Maximum Amount</u>	<u>Duration of Experience</u>	<u>Type of Use</u>
(4) ^{63}Ni	10 mCi	3 years	
(5) $^{90}\text{Sr}/^{90}\text{Y}$	50 mCi	3 years	For items 11 and 14- calibration of radiation instrumentation, health physics surveys and wipe tests.
(6) ^{99}Tc	100 mCi	3 years	
(7) $^{106}\text{Ru}/^{106}\text{Rh}$	50 mCi	3 years	
(8) $^{144}\text{Ce}/^{144}\text{Pr}$	500 mCi	3 years	
(9) ^{147}Pm	500 mCi	3 years	For items 12 and 13-health physics surveys and wipe tests.
(10) ^{204}Tl	50 mCi	3 years	
(11) ^{60}Co	10 mCi	3 years	
(12) ^{60}Co	200 Ci	3 years	
(13) ^{137}Cs	250 Ci	3 years	
(14) ^{226}Ra	20 mCi	3 years	



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4 May 1978

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