

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20555

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIAL SECTION 8
631 PARK AVENUE
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
MATERIAL RADIATION PROTECTION SECTION
101 MARIETTA STREET, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
811 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

☐ A. NEW LICENSE

☐ B. AMENDMENT TO LICENSE NUMBER

☒ C. RENEWAL OF LICENSE NUMBER 37-10913-04

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

Defense Personnel Support Center
2800 S. 20th St.
Philadelphia, PA 19101

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

Defense Depot Mechanicsburg
Mechanicsburg, PA 17055

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Harry Seto

TELEPHONE NUMBER

(215) 952-2137

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY Govt. facility AMOUNT ENCLOSED \$ N/A

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE—CERTIFYING OFFICER

TYPED/PRINTED NAME

JULIUS C. ARCHIE

TITLE

Col, USAF, MSC
Director, Medical Materiel

DATE

A. ANNUAL RECEIPTS

<\$250K	\$1M-3.5M
\$250K-500K	\$3.5M-7M
\$500K-750K	\$7M-10M
\$750K-1M	>\$10M

14. VOLUNTARY ECONOMIC DATA
b. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

c. NUMBER OF BEDS

None provided

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial—proprietary—information furnished to the agency in confidence)

YES

NO

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS	APPROVED BY
AMOUNT RECEIVED	CHECK NUMBER		8503120253 850228 REG1 LIC30 37-10913-05 PDR	DATE

5. Radioactive Material

- a. Carbon - 14.
- b. Carbon powder, mixture of phosphor and a binder.
- c. 1.6 millicuries each unit; maximum amount possessed at any one time is 150 units.

6. Purpose for Which Licensed Material Will Be Used

It will be used as phosphor excitor for a self-luminous test pattern to detect night vision adaptation. The test pattern is painted on a flat surface protected under a glass cover and encased in phenolic plastic unit. The depot's function is to receipt, store and distribute such unit to authorized recipients.

7. Individuals Responsible for Radiation Safety Program and Their Training and Experience

Mr. Scarberry is currently the Base Radiation Safety Officer. Mr. Scarberry's educational background includes a Masters Degree in Safety Studies from West Virginia University and a Bachelors Degree in Safety and Health Education from Salem College. In addition, he has completed the Radiation Safety Officer Course given in Port Hueneme, California.

Mr. Scarberry's work experience includes 5 years as a Safety Specialist at the Navy Ships Parts Control Center. During 4 of those 5 years, Mr. Scarberry has been the base's Assistant Radiation Safety Officer.

Mr. Bacon is currently a Safety Engineer serving with the Navy Ships Parts Control Center in Mechanicsburg, Pa. Mr. Bacon's educational background includes a Bachelors Degree in Fire Protection Engineering from the University of Maryland. In addition, he has completed the Radiation Safety Officer Course given in Port Hueneme, California.

Mr. Bacon's work experience includes 5 years as a Fire Protection Engineer for Industrial Risk Insurance Company and 1 year with GSA. During this time, Mr. Bacon handled some concerns involving ionizing radiation in general industry.

8. Training for Individuals Working in or Frequenting Restricted Areas

Personnel will be cautioned against tampering with the plaque or in any way exposing the luminous compound. Unauthorized persons will not be permitted to handle the plaque. Workers are instructed to wear rubber gloves when handling this item.

9. Facilities and Equipment

The plaques are stored in an area properly marked. Access to this area will be controlled to prevent entry of unauthorized personnel. The storage area will be monitored every 30 days or more often as determined by the Radiation Protection Officer. A record of surveys will be kept for inspection of storage facility layout. (See attachments 1 and 2.

10. Radiation Safety Program

In case of fire or explosion in a storage area the Radiation Protection Officer and the fire department shall be notified immediately. The fire department shall have been previously notified of the location of the storage area and shall be advised to fight the fire with fog or foam to minimize contamination. In addition, the following procedures should be observed:

(a) Firemen and rescue workers should wear self-contained breathing apparatus while in enclosed areas or down-wind of fire.

(b) Persons not engaged in fire fighting or rescue work should be kept up-wind and at least 100 yards from the scene.

(c) The area should be roped off and no one should enter except fire fighters and rescue workers.

(d) Personnel shall be monitored with a radiation detection meter such as AN/PDR-27R before leaving the area.

(e) When the fire or explosion has been brought under control the area shall be declared off-limits and surveyed for contamination.

(f) Decontamination will be performed if levels of contamination are considered to be hazardous to occupying personnel or immediate environment.

(g) Agencies receiving bulk quantities containing radioactive material will appoint a Radiation Protection Officer in accordance with AR 40-14/BUMED INST 6150.18/AFR 161.8/DLAR 4145.24 paragraph 5.

(h) Within 24 hours of a fire, explosion, injury or incident involving compasses, the installation will notify the Director, Directorate of Medical Materiel, Supply Operations Division, Defense Personnel Support Center, Code DPSC-AS, Philadelphia, PA, by electrical means, of circumstances involved and actions taken.

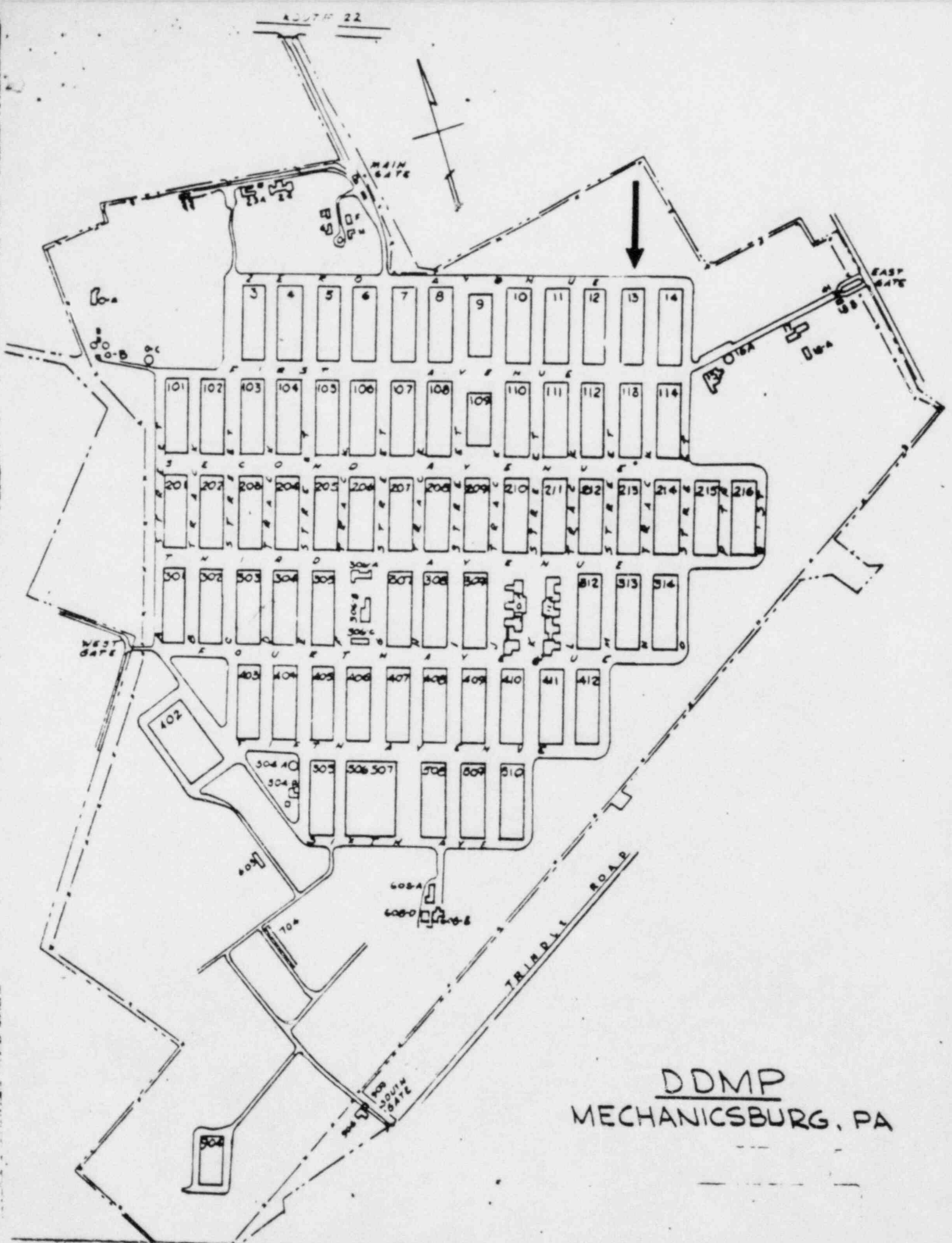
(i) Storage or use of food, beverages, tobacco, cosmetics, and the like, in controlled storage areas will be prohibited. Prior to leaving the area, control personnel will be monitored for contamination with an AN/PDR-27R Meter, or equivalent. Although exposure is minimal, personnel who handle the plaque in the area must be monitored.

(j) Supply personnel and others handling quantities of said plaques greater than the amount issued to individuals are instructed to wear gloves. Gloves are to be worn when handling a damaged plaque with exposed radioactive material. The gloves are to be returned to the depot as radioactive material for salvage or disposal.

(k) Each plaque will have an embossed serial number to keep a record of its ultimate destination.

11. Waste Management

Disposal is not anticipated. If any should develop, it will be processed in accordance with DLAR 4145.30 Regulations. The surplus plaque is required to be reported to the Supply Operations Division Inventory Control Branch, Directorate of Medical Materiel, Defense Personnel Support Center, Code DPSC-ASI, Philadelphia, PA, which will advise on disposition of this plaque. The plaque will not be sold or donated.



DDMP
MECHANICSBURG, PA

OFFICE OF PLANNING AND MANAGEMENT
WAREHOUSE FACILITIES WORKSHEET

9 FT. X 20 FT. CINDER
BLOCK. CAUTION SIGN
ON LOCKED ENTRANCE

	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
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LEGEND

- A - OFFICE
- B - LOCKER
- C - HEAD
- D - HEATER ROOM
- E - SPRINKLER VALVE ROOM
- F - TRANS. ROOM

BLDG. No 13