

## 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 MARITTA 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  
611 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 35-19189-01

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

Commander  
McAlester Army Ammunition Plant  
ATTN: SMCAC-QAE  
McAlester, OK 74501-5000

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

McAlester Army Ammunition Plant  
Building 15  
McAlester, OK 74501-5000

### 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION:

Terry F. Trivitt

TELEPHONE NUMBER  
LAV 936-6477

COML 918-421-2477

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 Exempt AMOUNT ENCLOSED \$

### 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, 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

TITLE

DATE

THEODORE L. ROBERTS II, LTC, TC, Acting Commander

18 Oct 84

### A. ANNUAL RECEIPTS

< \$250K	\$1M - 1.5M
\$250K - 500K	\$1.5M - 7M
\$500K - 750K	\$7M - 15M
\$750K - 1M	> \$15M

### B. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

### C. NUMBER OF BEDS

D. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Date and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOUR (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

AMOUNT RECE

8510240251 050826  
REG 4 LIC 30  
35-19189-01 PDR

FEE EXEMPT 10/25/84

APPROVED BY

DATE

18296

18296

Explanatory Remarks

Item 5.

- a. Nickel 63
- b. Foil
- c. 2 Sources of 15 millicuries each maximum  
Hewlett Packard Model 18713A Detector Cells

Item 6.

To be used in Hewlett Packard Gas Chromatograph or stored in original shipping container. One unit is used as a back-up for the cell on the chromatograph should it be returned to the factory for repair.

Item 7.

a. Mr. Lee V. Maxwell is the Radiological Protection Officer (RPO). He has a Bachelor of Science degree from Oklahoma State University with extensive training in courses in Life Science. Mr. Maxwell has been monitoring ionizing and non-ionizing radiation equipment at the Army Ammunition Plant, McAlester, OK for approximately 22 years. He has monitored microwave ovens, fluoroscopes, and/or X-ray equipment installed in 10 separate locations as well as RPO for the activity licensed Cobalt 60 materials. Monitoring has been done utilizing documents published by NRC, US Navy Bureau of Medicine and American National Standards Association. The monitoring has been under guidance and periodic inspection by the Radiological Affairs Support Office, Ft. Belvoir, VA and the Army Environmental Hygiene Agency, Aberdeen, MD.

b. Mr. John D. Watson is the Alternate Radiation Protection Officer. He is an academic graduate from McAlester High School and has been a Safety Specialist for the past 9 years. His technical training includes Industrial Safety, Munition Safety, Safety Program Management, Hazardous Material Transport and Handling, Occupational Safety and Health, and Accident Prevention.

Item 8.

a. Mr. Terry F. Trivitt, Chemical Engineer, has a Bachelor of Science degree in Chemical Engineering from Oklahoma State University, Stillwater, OK. He has been operating the gas chromatograph since December 1983 and has received indoctrination on areas involving radiation hazards, radiological safety program, and proper usage and storage procedures.

b. Mr. Silas W. Stanfield, Chemical Engineering Technician, has a Bachelor of Science degree in Agronomy from Oklahoma State University, Stillwater, OK. His college work includes 13 hours of chemistry. He has been operating the gas chromatograph since May 1984 and has received indoctrination on areas involving radiation hazards, radiological safety program, and proper usage and storage procedures.

Item 9.

The gas chromatograph is located in a room at the rear of the chemical laboratory. It is located next to a fume hood and the discharge gas from the chromatograph is vented into the hood. There is no through traffic in this room. The laboratory is locked when personnel are not in attendance.

Item 10.

a. The gas which is discharged from the electron capture detector of the gas chromatograph is vented into a fume hood and discharged out the roof of the building.

b. Every six months the detector entrance fitting, the detector housing, and the detector exit are wiped by Mr. Trivitt with separate circles of filter paper, labeled and inserted into plastic envelopes. The wipes are mailed to an approved laboratory, usually Nuclear Radiation Developments, Inc., 2957 Alt Blvd., Grand Island, NY 14022, Hewlett Packard Part No. 18713-60050 (EC Wipe Test Kit) is used in making the wipes. CAUTION: Any leakage in excess of 0.005 microcuries shall be cause for securing the device and prompt reporting to the RPO for disposition action (decontamination and repair or disposal). A report shall be filed within 5 days of the test results with the USNRC, 611 Ryan Plaza Drive, Suite 1000, Arlington, TX 76012, phone 871-860-8100 or FTS 728-8100, describing the equipment involved, the tests results, and the corrective action taken.

Item 11.

Detectors will be returned to Hewlett Packard for servicing when needed.