

APPLICATION FOR MATERIAL LICENSE

L&L 28317
030-30913

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.

APPLICATIONS FOR DISTRIBUTION OF EXEMPT PRODUCTS 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 HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIALS SAFETY SECTION B
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
NUCLEAR MATERIALS SAFETY 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
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
NUCLEAR MATERIALS SAFETY 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 _____

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

VELAN VALVE CORPORATION
AVENUE C, GRISWOLD INDUSTRIAL PARK
WILLISTON, VT. 05495

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

SAME AS MAILING ADDRESS.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

E.I. FRANCOIS, VICE PRESIDENT, QUALITY ASSURANCE

TELEPHONE NUMBER

(802) 860-2561

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 AMOUNT ENCLOSED \$ 230.00

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 OF AUTHORIZING OFFICER

TYPED/PRINTED NAME

EWART I. FRANCOIS

TITLE

VICE PRESIDENT, Q.A.

DATE

11/8/88

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

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

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

c. NUMBER OF BEDS

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 APP	FEE LOG Rec. 97	FEE CATEGORY 3P	COMMENTS
AMOUNT RECEIVED \$230	CHECK NUMBER 8016		

9001250240 890331
REG1 LIC30
44-28317-01 PDR
109936

APPROVED BY

DATE
12/13/88

ITEM 5 MATERIAL TO BE POSSESSED

ISOTOPE	ACTIVITY	SOURCE SERIAL NO.	SOURCE HEAD MODEL NO.	SOURCE HEAD SERIAL NO.
CD-109	5 mCi	4976-LU	9266	B516
Fe-55	45 mCi	2814-LE	9266	B516

GAUGING DEVICE

MANUFACTURER: Texas Nuclear, Box 9267, Austin, Texas 78766, U.S.A.

MODEL NO.: Model 9266 "Alloy Analyzer"

ITEM 6 PURPOSE FOR WHICH LICENSED MATERIAL WILL BE USED

For identifying the type and element composition of metallic alloys.

ITEM 7 INDIVIDUALS RESPONSIBLE FOR RADIATION SAFETY PROGRAM -
THEIR TRAINING & EXPERIENCE

The person with overall responsibility for the care and use of the "Alloy Analyzer" is Robert Kelly, Q.C. Manager. Robert Kelly's training and examination consists of the following:

1. Radiation Safety course given by Bill Marquardt in August 1979 when he was employed as a Level II RT Technician by Detroit Testing Laboratories, Oak Park, MI.
2. Self study of the Texas Nuclear "Alloy Analyzer" instruction manual Publication No. 717623 Approx. 15 hours completed on October 7, 1988.
3. Demonstration on the use of the "Alloy Analyzer" by Velan's operator of the equipment in our Montreal, Canada plant. The training was for approximately two hours and was performed by Jack Heavysege on 10 July 1987 at Velan Valve Corporation, Williston, Vt. 05495.
4. Completion of the Texas Nuclear questionnaire on October 7, 1988 which is retained on file at Velan along with a certificate of training issued by Texas Nuclear.

ITEM 8 TRAINING PROVIDED TO OTHER USERS

There will be one other user of the equipment. The person is Bryan Preston, Receiving Inspector.

Bryan Preston's training and examination consists of the following:

1. Self study of the Texas Nuclear "Alloy Analyzer" instruction manual, Publication No. 717623. Approx. 15 hours and was completed on October 7, 1988.
2. Demonstration on the use of the Alloy Analyzer by Velan's operator of the unit in Montreal, Canada. The training was for approximately two hours and was performed by Jack Heavysege on 10 July 1987 at Velan Valve Corporation, Williston, Vt. 05495.
3. Completion of the Texas Nuclear questionnaire on October 7, 1988 which is retained on file at Velan along with a certificate of training issued by Texas Nuclear.

ITEM 9 FACILITIES & EQUIPMENT

The Alloy Analyzer is provided with an aluminum carrying case supplied by the manufacturer. It will be retained in a locked office under the control of the Q.C. Manager. The trained technician will be given a key to gain access to the equipment when needed. When the equipment is in use in the Plant it will be under the control of the Q.C. Manager or trained technician at all times.

ITEM 10 RADIATION SAFETY PROGRAM

To prevent radiation exposure to employees. The company shall control the use of the equipment as described in Item 9 above.

ITEM 10.1 PERSONNEL MONITORING EQUIPMENT

Not applicable due to the low activity level of the radiation sources.

ITEM 10.2 RADIATION DETECTION INSTRUMENTS

None required.

ITEM 10.3 LEAK-TESTING

Velan will contract with the manufacturer or his representative to perform leak testing every six months.

ITEM 10.4 MAINTENANCE

No maintenance will be performed by Velan, the unit will be serviced by the manufacturer or his representative.

ITEM 10.5 TRANSPORTATION OF FIELD DEVICES

The device will not be transported outside the Plant except in cases where it must be shipped for service or repair. In such cases it shall be shipped only in the container provided by the manufacturer of the unit.

ITEM 10.6 OPERATING AND EMERGENCY PROCEDURES

Velan will provide a written procedure to each person using the device. The procedure shall cover the following topics:

1. Storage of the device.
2. Emergency procedures.

NOTE: The instructions on the use of the device are detailed in the manufacturer instruction manual. Transportation, leak testing and the use of personnel monitoring devices are not applicable for the intended use of the device.

ITEM 11 WASTE MANAGEMENT

The device will be returned to the manufacturer or his authorized representative for disposal of the used sources.

