

## 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.

APPLICATIONS FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION  
DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR 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  
475 ALLENDALE ROAD  
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  
1460 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)

NORCO ALLOYS CORPORATION  
P.O. BOX 721428  
BERKLEY, MI 48072

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

2720 W. FOURTEEN MILE RD.  
ROYAL OAK, MI 48073

8910090086 890424  
REG3 LIC30  
21-23332-02 PDR

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

NORMAN R. COHN

TELEPHONE NUMBER

(313) 435-4600

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 1.J 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 - CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

*Norman R. Cohn*

NORMAN R. COHN

PRESIDENT

4/5/89

FOR NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEGORY

COMMENTS

app

app 8

3P

AMOUNT RECEIVED

CHECK NUMBER

\$230

1142

APPROVED BY

CP

4/11/89

CONTROL NO. 87200

RECEIVED

APR 07 1989

DATE

REGION III

APR 7 1989

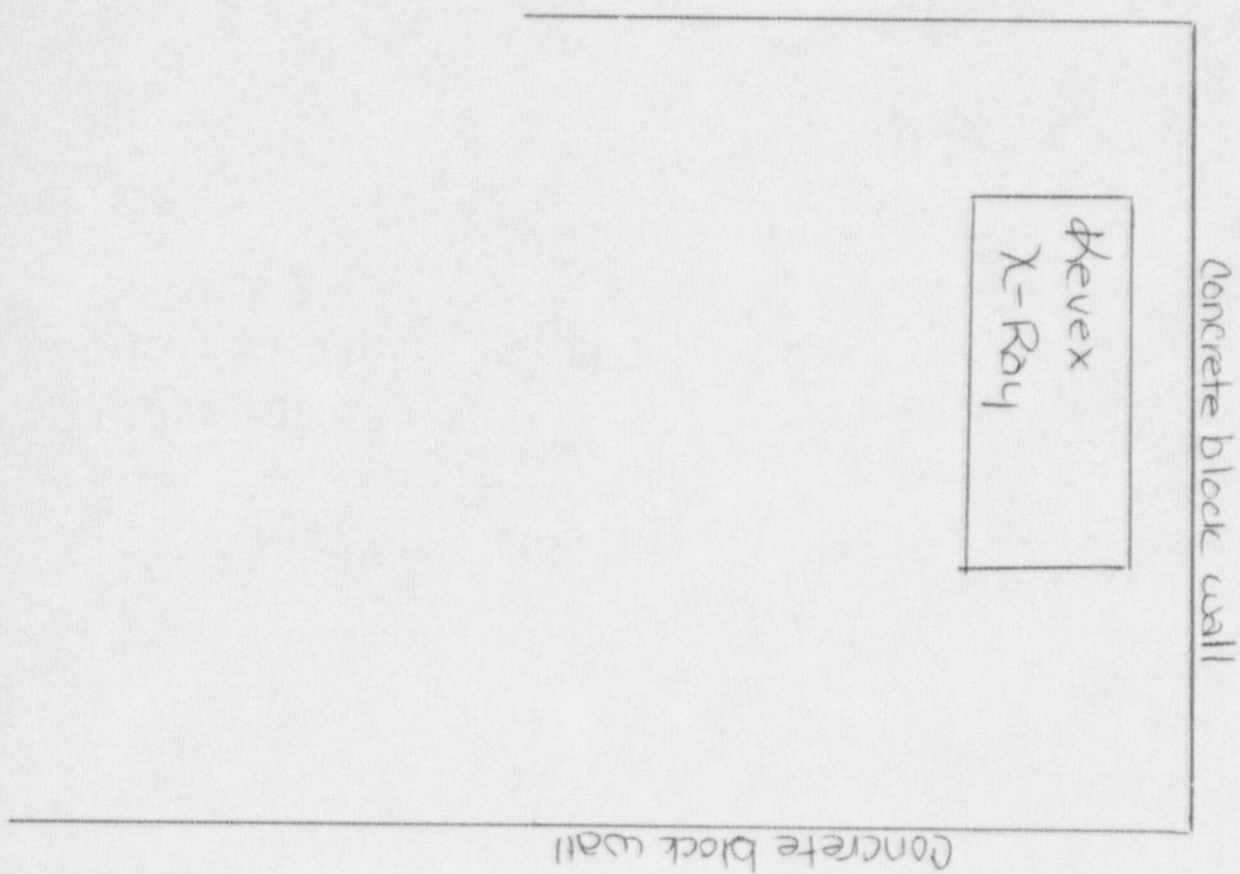


5)	ELEMENT & MASS #	CHEMICAL &/OR PHYSICAL FORM	MFR. NAME MODEL #	MAX. # OF SEALED SOURCES & MAX. ACT.
	CD-109	ELEMENTAL CD	1PL NO. FXB &/ OR NEN NO. NER 465 &/OR AMERSHAM NO. AM C64	3 SOURCES OF 8MCI EACH
	AM-241	AMERICIUM OXIDE	1PL NO. GFS &/OR NEN NO. 478 &/OR AMERSHAM NO. AM C64	3 SOURCES OF 8MCI EACH

- 6) THIS DEVICE IS TO BE USED IN KEVEX ENERGY DISPERSIVE X-RAY ANALYZER TO PROVIDE A SOURCE OF X-RAY ENERGY TO FLOURESCENCE X-RAYS FROM A SAMPLE FOR THE PURPOSE OF ALLOY SORTING AND IDENTIFICATION FOR QUANTITATIVE CHEMICAL ANALYSIS.
- 7) NORMAN R. COHN - TRAINED BY KEVEX CORPORATION
- 8) TRAINING BY KEVEX CORPORATION
- 9) THIS X-RAY ANALYZER IS STATIONARY AND IS NOT A PORTABLE DEVICE NOR WILL IT BE USED AS A PORTABLE DEVICE. THIS EQUIPMENT IS USED AS SPECIFIED IN THE KEVEX SAFETY MANUAL. THE LOCATION OF THE DEVICE IS PERMANENTLY IN ONE ALCOVE OF OUR PLANT; ONLY THE OPERATOR WILL HAVE THE KEY TO OPERATE THE EQUIPMENT. (SKETCH OF THE AREA IS ENCLOSED).
- 10) PREVENTATIVE MAINTENANCE AGREEMENT IS IN FORCE WITH KEVEX CORPORATION. COPY OF MOST RECENT LEAK TEST IS ENCLOSED.
- 11) DISPOSAL: WE WILL RETURN TO KEVEX CORPORATION THE SOURCE WHEN IT MUST BE RELOADED.

CONTROL NO 87200

# Plant Location







A VG INSTRUMENTS GROUP COMPANY

Kevex Instruments 355 Shoreway Road San Carlos, CA 94070-1308

TEL 415-591-3600 FAX 415-595-4217 TLX 7607246

Norco Alloys  
2770 West 14 Mile  
Royal Oak, MI 48035

ATTN: Jeff Rubino

SOURCE SERIAL NUMBER A010, CONTAINING THE FOLLOWING:

21 MICROCURIES  $Cd^{109}$  (AS OF 14 JUNE 1983) AND 21 MICROCURIES OF  
 $Am^{241}$  (AS OF 3 AUGUST, 1982) WAS CHECKED FOR LEAKAGE BY WIPING  
THE SOURCE(S) AND THE HOLDER ASSEMBLY WITH A MOISTENED SWAB WHICH  
WAS THEN ANALYZED FOR  $Cd^{109}$  AND  $Am^{241}$  CONTAMINATION USING A  
WINDOWLESS GAS-FLOW PROPORTIONAL COUNTER. THE ANALYSIS SHOWED  
(0.0002 MICROCURIES OF LEAKAGE (CONTAMINATION). THE MAXIMUM  
ALLOWABLE LEAKAGE IS 0.005 MICROCURIES. THIS SOURCE PASSED THE  
LEAK TEST.

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LEAK TEST OBTAINED ON: 8 NOVEMBER 1988

BY: D. BRANCH, FIELD SERVICE ENGINEER

ANALYZED ON: 15 NOVEMBER 1988

BY: JOHN HARRISON, C.S.O.

THIS SOURCE SHOULD BE LEAK TESTED AGAIN ON OR BEFORE 8 MAY 1989

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