

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, NM55
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 2800
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
796 ROOSEVELT ROAD
GLEN ELLEN, 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 94606

All
New
23301

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)

ARCO Alaska Inc.
PO Box 100360
Anchorage, Alaska 99510

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

ARCO, Prudhoe Bay Operations, Prudhoe Bay, Alaska. Device will be used at various operating and maintenance facilities at Prudhoe Bay, and Kuparuk, Alaska. These are remote sites and have no street address.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Scott A. Dornan

TELEPHONE NUMBER

(907) 659-5646

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 3P AMOUNT ENCLOSED \$ 230

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, 1949, 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

Scott A. Dornan

Scott A. Dornan

Radiation Safety Officer

7/27/89

FOR NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEGORY

COMMENTS

App

Aug-15

3P

9001160102 890818

REG5 LIC30

53-23301-01

PDR

AMOUNT RECEIVED

CHECK NUMBER

\$230

00335718

APPROVED BY

DATE

Mr. Hussain

8/1/89

ATTACHMENT

ITEM 5.

a. H-3

b. TITANIUM TRITIDE FOIL - SAFETY LIGHT CORPORATION MODEL 508-3

c. 150 MILLICURIES OR LESS PER FOIL, USED IN SENTEX DETECTOR CELL MODEL 50319

ITEM 6.

FOR USE IN THE GAS CHROMATOGRAPH MANUFACTURED BY SENTEX SENSING TECHNOLOGY, INC.,
MODEL: SCENTOGRAPH FOR AIR ANALYSIS.

ITEM 7.

SCOTT A. DORNAN, RADIATION SAFETY OFFICER, 8 YEARS RADIATION SAFETY EXPERIENCE.
WILLIAM BLYTHE, INDUSTRIAL HYGIENIST, 7 YEARS EXPERIENCE WITH GAS CHROMATOGRAPHS.
LAURA BARLOW, INDUSTRIAL HYGIENIST, 1 YEAR EXPERIENCE WITH GAS CHROMATOGRAPHS.

TRAINING ON THE USE OF THE INSTRUMENT WILL BE PROVIDED THROUGH THE USE OF THE
MANUFACTURERS TRAINING AND USE GUIDE.

NO MAINTENANCE OR REPAIR WILL BE PERFORMED ON THE INSTRUMENT. ALL MAINTENANCE
AND/OR REPAIRS WILL BE COMPLETED BY THE MANUFACTURER, SENTEX SENSING TECHNOLOGY,
INC.

THE INSTRUMENT WILL BE GIVEN A MONTHLY VISUAL INSPECTION.

ITEM 8.

N/A - LIMITED TO "USE ONLY"

ITEM 9.

THE INSTRUMENT IS DESIGNED AS A PORTABLE DEVICE. THE INSTRUMENT WILL BE USED AT
VARIOUS OIL AND GAS PRODUCING FACILITIES AT PRUDHOE BAY, AND KUPARUK, ALASKA. ACCESS
TO THE INSTRUMENT WILL BE LIMITED TO THE INDUSTRIAL HYGIENISTS, AND STAFF SAFETY
SPECIALISTS WHO ARE TRAINED IN THE USE OF THE INSTRUMENT.

WHEN NOT IN USE, THE INSTRUMENT WILL BE MAINTAINED IN A LOCKED STORAGE CABINET IN
THE SAFETY/TRAINING OFFICE INSTRUMENT ROOM. ACCESS IS LIMITED TO INDUSTRIAL
HYGIENISTS AND SAFETY STAFF.

ITEM 10.

NO SPECIAL PROGRAM REQUIRED. NO PERSONAL MONITORING DEVICES WILL BE USED AND NO
REPAIR OR MAINTENANCE OF THE GAS CHROMATOGRAPH WILL BE PERFORMED.
WIPE TESTS NOT REQUIRED.

ITEM 11.

THE DEVICE WILL BE RETURNED TO THE MANUFACTURER, SENTEX SENSING TECHNOLOGY, INC.
FOR DISPOSAL OF THE RADIOACTIVE MATERIAL.

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

Program Code: _____
Status Code: 3 _____
Fee Category: _____
Exp. Date: 0 _____
Fee Comments: _____

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ARCO ALASKA INC.
Received Date: 890807
Docket No.: 3031279
Control No.: 571024
License No.:
Action Type: New License

2. FEE ATTACHED

Amount: 230.00
Check No.: 229719

3. COMMENTS

Signed [Signature]
Date 8/2/89

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered)

1. Fee Category and Amount: 3P (\$230)

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License ✓

3. OTHER _____

Signed [Signature]
Date 8/15/89

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The GC will be stored in a locked cabinet located in the hallway between rooms #12 and #13. The cabinet is under the control of the staff industrial hygienists. Safety staff members who will have access to the cabinet or to the GC will be trained in the safe handling and operation of the unit.



