

# APPLICATION FOR MATERIAL LICENSE

A (I.F.)

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 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  
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  
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 34-15998-01  
☒ C. RENEWAL OF LICENSE NUMBER 34-15998-01

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

Ashland Petroleum Company  
P. O. Box #170  
Canton, Ohio 44711

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

2408 Gambrinus Rd., S.W. - Canton, Ohio

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

Bruce A. Lanzer

## TELEPHONE NUMBER

(216) 478-5031

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 A

8509110043 841121  
REG 3 LIC 30  
34-15998-01 PDR

## 10. RADIATION SAFETY PROGRAM

## 11. WASTE MANAGEMENT

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) (--- 1 ---)  
FEE CATEGORY \$110.00 + \$40.00 AMOUNT ENCLOSED \$ 2150.00

## 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 A. ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN GOOD FAITH AND IN ACCORDANCE 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 - CERTIFY

## NG OFFICER

## TYPED/PRINTED NAME

## TITLE

## DATE

*Bruce A. Lanzer* Bruce A. Lanzer

Safety/Sec/RSO Mngr

11-21-84

## 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)

255

## c. NUMBER OF BEDS

None

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Daily 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

RECEIVED

Not

☒ NO Available

## FOR NRC USE ONLY

## TYPE OF FEE

## FEE LGO

## FEE CATEGORY

## COMMENTS

## APPROVED BY

## AMOUNT RECEIVED

## CHECK NUMBER

Dec 7th REGION III  
CONTROL NO. 7-7882

## DATE

11/30

## PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY:** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S):** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30, 32, 33, 34, 35 and 40 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES:** The information may be (a) provided to State health departments for their information and use; and (b) provided to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for an NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION:** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed. A request that information be held from public inspection must be in accordance with the provisions of 10 CFR 2.790. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned need to inspect the document.
5. **SYSTEM MANAGER(S) AND ADDRESS:** U.S. Nuclear Regulatory Commission  
Director, Division of Fuel Cycle and Material Safety  
Office of Nuclear Material Safety and Safeguards  
Washington, D.C. 20555

## N.R.C. Form 313-Application for Material License (continued)

5. Radioactive Material;	Physical Form;	Max.Amount to be possessed
A-Cesium 137	A-Sealed source (Ohmart Corp. Model No. A-2102)	A-No single source to exceed 100 millicuries
B-Cesium 137	B-Sealed source (Texas Nuclear Model #570-57157-C)	B-No single source to exceed 50 millucuries
C-Cesium 137	C-Sealed source (Texas Nuclear Model #570-57157-C)	C-No single source to exceed 200 millicuries
D-Cesium 137	D-Sealed source (Texas Nuclear Mod.#570-57157-C)	D-No single source to exceed 2000 millicuries
E-Strontium 90	E-Sealed source (Texas Nuclear Mod.#696-696381 (See Footnote 1)	E-No single source to exceed 2 microcuries.(1)
F-Cesium 137 (2)	F-Sealed source (Ohmart Densart Mod.#SH-100) (2) (See Footnote 2)	F-No single source to exceed 50 millicuries (2)
G-Cadmium 109 (2)	G-Sealed source (Princeton Gama Tech. Mod.#100-2) (2) (See Footnote 2)	G-No single source (2) to exceed 4 millicuries
H-Iron 55 (2)	H-Sealed source (Princeton Gama Tech.Mod.#100-2) (2) (See Footnote 2)	H-No single source to exceed 50 millicuries (2)

Footnote 1 - Correction - on previous license was listed as no single source to exceed 2 millicuries.

Footnote 2 - Additions - Amendments requested for new license

N.R.C. Form 313-Application for Material License (continued)

6 - Purpose for which material is to be used.

A - To be used in Ohmart Corp. Model SR-1 source holder for level measurement.

B - To be used in Texas Nuclear Model 5178 A source holder for level measurement.

C - To be used in Texas Nuclear Model 5192 source holder for level measurement.

D - To be used in Texas Nuclear Model 5193 source holder for level measurement.

E - To be used in Texas Nuclear Model 885326 source for level measurement.

F - To be used in Ohmart Densart Model 3000 source holder for density measurement. (1)  
(See Footnote 1)

G and H - To be used in Princeton Gama Tech Model 616 for chemical analysis. (1)  
(See Footnote 1)

Footnote 1 - Purpose for new amendment or addition to new license.

N.R.C. Form 313-Application for Material License (continued)

- 7 - Individuals responsible for radiation safety program and their training and experience.
  - A) Bruce A. Lanzer - Safety/Security/R.S.O., certificate - applied Health Physics Radiation Safety School, Ohmart Corp., Radiation Safety School. 29 yrs. refinery experience, 17 yrs. radiation instruments.
  - B) Les Gibson - Training Supervisor, certificate - Ohmart Radiation Safety School - 17 yrs. radiation instruments.
  - C) Richard Hickman - Operating Superintendent
  - D) Tom Wigglesworth - Technical Manager
- 8 - Training for individuals working in or frequenting restricted areas will be conducted annually.
- 9 - Facilities and equipment - consists of crude oil refinery and various unit processing equipment.
- 10 - Radiation safety program - the licensee shall comply with the provisions of title 10, Chapter 1, Code of Federal Regulations Part 19, "Notices, Instructions, and Reports to Workers; Inspections", and Part 20, Standards for "Protection Against Radiation".
- 11 - Waste Management - Replacement or disposal of sealed sources, containing licensed material used in devices shall be performed only by the manufacturer or other's specifically authorized by the commission or an agreement state to perform such services.

CONTROL NO. 77882

I. F.

## MATERIALS DATA INPUT - INDUSTRIAL, MEDICAL, SOURCE/SPECIAL NUCLEAR

## A. TYPE OF ACTION AND IDENTIFICATION CODES

<input type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input type="checkbox"/> AMENDMENT TO TERMINATE	<input checked="" type="checkbox"/> VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME/ADDRESS ("X" box)
<input type="checkbox"/> NEW LICENSE AND NEW LICENSEE	<input checked="" type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE NO AMENDMENT	4	030-10156	77882	<input type="checkbox"/>

## B. INDICATIVE INFORMATION

INDIVIDUAL LICENSEES	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
ORGANIZATION	ORGANIZATION NAME (Also Indicate Signature)				
LICENSEES	DEPARTMENT OR BUREAU				
ADDRESS	BUILDING STREET	CITY			
	P. O. Box 8170	Canton			
	STATE	ZIP CODE			
	OH	44711			
TYPE OF APPLICANT	<input type="checkbox"/> U.S. GOVERNMENT AGENCY	DATE REQUEST RECEIVED	INSTITUTION CODE	PENDING PROG. CODE	ACTUAL PROG. CODE
	<input checked="" type="checkbox"/> INDIVIDUAL LICENSEE <input type="checkbox"/> ORGANIZATIONAL LICENSEE	11/26/84	15998		
SECONDARY PROGRAM CODES (As required)					
#1		#2	#3	#4	#5
LICENSE NUMBER		DATE LICENSE ISSUED OR ACTION COMPLETED	EXPIRATION DATE		
34-15998-01					
APPLICANT'S COMMUNICATION DATED		CLASSIFICATION	ASSIGNED TO	RESULTING AMENDMENT NUMBER	

ENCLOSURES

UNCLASSIFIED DESCRIPTION

DISTRIBUTION

## OTHER REFERRALS

NAME	DATE	NAME	DATE