



American Air Filter

AN ALLIS-CHALMERS COMPANY
215 CENTRAL AVENUE, LOUISVILLE, KENTUCKY 40206

RSS

REPLY TO:

P. O. BOX 35690
LOUISVILLE, KENTUCKY 40232
TELEX: 20-4351
OPERATOR: (502) 637-0011
TO CALL WRITER DIRECT
TELEPHONE: (502) 637-0 583

June 22, 1988

U.S. Nuclear Regulatory Commission,
Region II
Nuclear Materials Safety Section
101 Marietta Street
Suite 2900
Atlanta, GA 30323

Attention: Mr. Earl Wright
Division of Radiation
Safety & Safeguards

Subject: Renewal of License 16-11446-01
Expiration Date: 06/30/88
Program Code: 03123

Gentlemen:

The use of radioactive materials is now confined to our facility in Louisville, Kentucky. As a result, we will not renew our NRC license since this activity is covered under our State of Kentucky license (#201-034-04).

Sincerely,

Richard L. Kline
Radiation Protection Officer

WS

8905120036 880705
REG2 LIC30
16-11446-01 PNU

OFFICIAL COPY



American Air Filter

AN ALLIS-CHALMERS COMPANY

215 CENTRAL AVENUE, LOUISVILLE, KENTUCKY 40208

REPLY TO:

P. O. BOX 35890

LOUISVILLE, KENTUCKY 40232

TELEX: 20-4351

OPERATOR: (502) 637-0011

TO CALL WRITER DIRECT

TELEPHONE: (502) 637-0543

June 3, 1988

U.S. Nuclear Regulatory Commission,
Region II
Nuclear Materials Safety Section
101 Marietta Street, Suite 2900
Atlanta, GA 30323

Attn: Ms. Diane Heim

Subject: State of Kentucky
Radioactive Material License

Dear Ms. Heim:

Enclosed is a copy of our Kentucky Radioactive Material License
which you requested.

Sincerely,

R. L. Kline
Radiation Protection Officer

cmh

Enc.

CABINET FOR HUMAN RESOURCE
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

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1. LICENSEE AND 2. ADDRESS

AMERICAN AIR FILTER
P.O. BOX 35690
215 CENTRAL AVENUE
LOUISVILLE, KY 40232-5690

ATTENTION: R. L. KLINE
TELEPHONE: 502-637-0011

PURSUANT TO KRS 211.842 ET SEQ., THE KENTUCKY CABINET FOR HUMAN RESOURCES REGULATIONS, 902 KAR 100, AND IN RELIANCE ON STATEMENTS AND REPRESENTATIONS HERETOFORE MADE BY THE LICENSEE, A LICENSE IS HEREBY ISSUED TO RECEIVE, ACQUIRE, OWN, POSSESS AND TRANSFER RADIOACTIVE MATERIAL LISTED BELOW; AND TO USE SUCH RADIOACTIVE MATERIAL FOR THE PURPOSE(S) AND AT THE PLACE(S) DESIGNATED BELOW. THIS LICENSE IS SUBJECT TO ALL APPLICABLE RULES, REGULATIONS, AND ORDERS OF THE CABINET FOR HUMAN RESOURCES, NOW OR HEREINAFTER IN EFFECT AND TO ANY CONDITIONS SPECIFIED BELOW.

3. LICENSE NUMBER: 201-034-04
AMENDMENT NO. 20
4. EXPIRATION DATE: SEPTEMBER 30, 1988
5. REVIEWER: 13

6. LICENSED MATERIAL	7. FORM	8. POSSESSION LIMIT
A. HYDROGEN 3	A. FOIL (U.S. RADIUM LAB 508-3)	A. NO SINGLE SOURCE TO EXCEED 250 MILLI- CURIES
B. HYDROGEN 3	B. FOIL (RADIATION RESEARCH OR U.S. RADIUM LAB 508-1)	B. NO SINGLE SOURCE TO EXCEED 300 MILLI- CURIES
C. CARBON 14	C. SEALED SOURCE (NEW ENGLAND NUCLEAR)	C. NO SINGLE SOURCE TO EXCEED 100 MICRO- CURIES

RECEIVED
AUG 21 1987

CABINET FOR HUMAN RESOURCE
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-034-04

AMENDMENT 20

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D. CESIUM 137/ BARIUM 133	D. SEALED SOURCE	D. 100 MICROCURIES
E. IODINE 131	E. ANY	E. 10 MILLICURIES

9. AUTHORIZED USE

- A. FOR USE IN VARIAN MODEL 02-650 GAS CHROMATOGRAPH DETECTOR CELL ASSEMBLY FOR SAMPLE ANALYSIS.
 - B. FOR USE IN BARBER-COLEMAN MODEL A-5120 GAS CHROMATOGRAPH DETECTOR CELL ASSEMBLY FOR SAMPLE ANALYSIS.
 - C. FOR USE IN GCA CORP. MODEL RDM-101 DUST MONITOR.
 - D. INSTRUMENT QUALITY ASSURANCE TESTING.
 - E. RESEARCH AND DEVELOPMENT, AS DEFINED IN 902 KAR 100:010, FOR FILTER EVALUATION.
-

CONDITIONS:

- 10. THE LICENSEE SHALL COMPLY WITH THE PROVISIONS OF THE KENTUCKY CABINET FOR HUMAN RESOURCES ADMINISTRATIVE RADIATION REGULATIONS, 902 KAR 100. THE CABINET'S REGULATIONS SHALL GOVERN THE LICENSEE'S STATEMENTS IN APPLICATIONS OR LETTERS UNLESS THE STATEMENTS ARE MORE RESTRICTIVE THAN THE REGULATIONS.
- 11. RADIOACTIVE MATERIAL SHALL BE USED ONLY AT THE LICENSEE'S ADDRESS STATED IN ITEM 2.
- 12. RADIOACTIVE MATERIAL MAY BE USED BY, OR UNDER THE SUPERVISION OF, MOHIUDDIN PASKA OR DONALD L. SCHWEINHART.

ALTERNATIVELY, RADIOACTIVE MATERIAL MAY BE USED BY INDIVIDUALS WHO HAVE BEEN TRAINED AS SPECIFIED IN THE LICENSEE'S STANDARD OPERATING PROCEDURES FOR HANDLING RADIOACTIVE MATERIAL (NESE-608 REV 1, APRIL 30, 1986).

THE LICENSEE SHALL MAINTAIN RECORDS OF THE TRAINING RECEIVED BY INDIVIDUALS DESIGNATED AS USERS FOR INSPECTION BY THE CABINET.

CABINET FOR HUMAN RESOURCE
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-034-04

AMENDMENT 20

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13. THE RADIATION PROTECTION OFFICER FOR THE ACTIVITIES AUTHORIZED BY THIS LICENSE IS RICHARD L. KLINE.
14. THIS LICENSE SHALL BE DEEMED TO CONTAIN THE LEAK TEST CONDITIONS SPECIFIED IN 902 KAR 100:060 OF THE KENTUCKY CABINET FOR HUMAN RESOURCES ADMINISTRATIVE RADIATION REGULATIONS, AND OTHER APPLICABLE RULES, REGULATIONS, AND ORDERS OF THE KENTUCKY CABINET FOR HUMAN RESOURCES NOW OR HEREAFTER IN EFFECT.
15. GAS CHROMATOGRAPHY DETECTOR CELLS CONTAINING TITANIUM TRITIDE SHALL ONLY BE USED IN CONJUNCTION WITH A PROPERLY OPERATING TEMPERATURE CONTROL MECHANISM WHICH PREVENTS FOIL TEMPERATURES FROM EXCEEDING 225 DEGREES CELSIUS.
16. DETECTOR CELLS CONTAINING RADIOACTIVE MATERIAL SHALL NOT BE OPENED OR THE FOIL SOURCES REMOVED FROM THE DETECTOR CELL BY THE LICENSEE.
17. IN LIEU OF USING THE CONVENTIONAL RADIATION CAUTION COLORS (MAGENTA OR PURPLE ON YELLOW BACKGROUND) AS PROVIDED IN 902 KAR 100:020, SECTION 12 (1) (A), THE LICENSEE IS HEREBY AUTHORIZED TO LABEL DETECTOR CELLS AND CELL BATHS, CONTAINING RADIOACTIVE MATERIAL AND USED IN GAS CHROMATOGRAPHY DEVICES, WITH CONSPICUOUSLY ETCHED OR STAMPED RADIATION CAUTION SYMBOLS WITHOUT A COLOR REQUIREMENT.
18. MAINTENANCE, REPAIR, AND INITIAL RADIATION SURVEY OF DEVICES CONTAINING RADIOACTIVE MATERIAL AND LEAK TESTING, INSTALLATION, REPLACEMENT, AND DISPOSAL OF SEALED SOURCES CONTAINING RADIOACTIVE MATERIAL USED IN DEVICES SHALL BE PERFORMED ONLY BY PERSONS SPECIFICALLY AUTHORIZED BY THE CABINET, U.S. NUCLEAR REGULATORY COMMISSION, OR AN AGREEMENT STATE TO PERFORM SUCH SERVICES.

THIS LICENSE DOES NOT AUTHORIZE THE CLEANING OF TRITIUM FOIL DETECTORS.
19. THE LICENSEE SHALL CONDUCT A PHYSICAL INVENTORY EVERY SIX (6) MONTHS TO ACCOUNT FOR ALL SEALED SOURCES RECEIVED AND POSSESSED UNDER THE LICENSE. THE RECORDS OF THE INVENTORIES SHALL BE MAINTAINED FOR TWO (2) YEARS FROM THE DATE OF THE INVENTORY FOR INSPECTION BY THE CABINET, AND SHALL INCLUDE THE QUANTITIES AND KINDS OF RADIOACTIVE MATERIAL, LOCATION OF SEALED SOURCES, AND THE DATE OF THE INVENTORY.

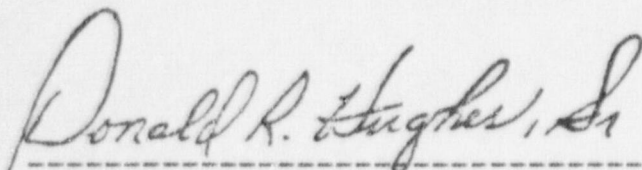
CABINET FOR HUMAN RESOURCE
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-034-04

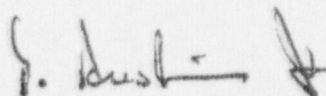
AMENDMENT 20

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20. EXCEPT AS SPECIFICALLY PROVIDED OTHERWISE BY THIS LICENSE, THE LICENSEE SHALL POSSESS AND USE RADIOACTIVE MATERIAL DESCRIBED IN ITEMS 6, 7, AND 8 OF THIS LICENSE IN ACCORDANCE WITH STATEMENTS, REPRESENTATIONS, AND PROCEDURES CONTAINED IN:
- A. APPLICATION DATED MAY 23, 1986, SIGNED BY DONALD L. SCHWEINHART AND RICHARD L. KLINE.
 - B. STANDARD OPERATING PROCEDURES FOR HANDLING RADIOACTIVE MATERIAL (NESE-608 REV 1) DATED APRIL 30, 1986.
 - C. LETTERS DATED:
 - 1. MARCH 24, 1986, SIGNED BY R. J. URLOCKER, VICE PRESIDENT AND GENERAL MANAGER.
 - 2. JULY 9, 1986, SIGNED BY RICHARD L. KLINE.
 - 3. DECEMBER 4, 1986, SIGNED BY RICHARD L. KLINE.
 - 4. DECEMBER 9, 1986, SIGNED BY RICHARD L. KLINE.



MANAGER
RADIATION CONTROL BRANCH



SECRETARY
CABINET FOR HUMAN RESOURCES

DATE ISSUED AUGUST 17, 1987

MAY 26 1988

American Air Filter Company
ATTN: Mr. Richard L. Kline
Radiation Protection Officer
P.O. Box 35690
Louisville, KY 40232-5690

Gentlemen:

We are returning your Check No. 084954 for \$350 submitted with your May 12, 1988 renewal application for Materials License 16-11446-01.

The Commission has entered into an agreement with the State of Kentucky whereby the State has assumed regulatory authority over the licensing of certain byproduct, source, and special nuclear material. You should, therefore, contact:

Mr. Donald Hughes, Manager
Radiation Control Branch
Dept. of Health Services
Cabinet for Human Resources
275 East Main Street
Frankfort, KY 40621

The enclosed Part 150 explains the areas of regulatory authority retained by the Commission and those areas turned over to the State.

Sincerely,

Signed by:
Glenda Jackson

Glenda Jackson
License Fee Management Branch
Division of Accounting and Finance
Office of Administration and
Resources Management

Enclosures:
1. Check No. 084954 (\$350)
2. Part 150

DISTRIBUTION:

File Copy
ARM/DAF R/F
LFMB R/F (2)
DW/REJ/AAF

OFFICE: ARM/LFMB
SURNAME: IMessier:rej
DATE: 5/26/88

ARM/LFMB
GJackson
5/26/88

ROUTING AND TRANSMITTAL SLIP

Date

5/26/88

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

1. *Region II Reviewer*

2.

3.

4.

5.

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

See memo 5/25/88 telecon - we processed it as Agreement state & returned the fee. Does license need to be terminated??

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Glenda Jackson

Phone No.

492-8740

50-1-102

OPTIONAL FORM 41 (Rev. 7-76)

Prescribed by GSA
FPMR (41 CFR) 101-11.206



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30323

03004468
03123
6/88

MEMORANDUM FOR: C. James Holloway, Jr., Director, License Fee Management Staff
Office of Administration

FROM: John Potter, Chief, Nuclear Materials Safety Section
Division of Radiation Safety and Safeguards

SUBJECT: LICENSE FEE TRANSMITTAL

A. REGION II:

1. APPLICATION ATTACHED:

Applicant/Licensee: American Air Jetties
Application Dated: 5/12/88
Control No.: 254196
License No.: 16-11446-01

2. FEE ATTACHED:

Amount: 350
Check No.: 084954

3. COMMENTS:

Signed Clarence O. Keim
Date 5/17/88

B. LICENSE FEE MANAGEMENT BRANCH:

1. Fee Category and Amount: 3P (8/20)

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

Amendment _____

Renewal /

License _____

Signed Mr. Muzzie
Date 6/24/88



American Air Filter

AN ALLIS-CHALMERS COMPANY

215 CENTRAL AVENUE, LOUISVILLE, KENTUCKY 40208

REPLY TO:

P. O. BOX 35590

LOUISVILLE, KENTUCKY 40232

TELEX: 20-4351

OPERATOR: (502) 637-0011

TO CALL WRITER DIRECT

TELEPHONE: (502) 637-0583

May 12, 1988

U.S. Nuclear Regulatory Commission,
Region II
Nuclear Materials Safety Section
101 Marietta Street, Suite 2900
Atlanta, GA 30323

Attn: Division of Radiation Safety
and Safeguards

Subject: Renewal of License 16-11446-01
Expiration Date 06/30/88
Program Code: 03123

Gentlemen:

Attached are two (2) copies of our application for renewal of our NRC license. Also attached is a check for \$350 for the renewal fee.

Sincerely,

R. L. Kline
Radiation Protection Officer

WS

Attachments

License Fee Information
on application.

Official Copy

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 FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20546

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
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 16-11446-01

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

American Air Filter Company
P.O. Box 35690
Louisville, KY 40232-5690
Attn: R. L. Kline

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

American Air Filter Company
215 Central Avenue
Louisville, KY 40208

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Richard L. Kline - Radiation Protection Officer

TELEPHONE NUMBER

502/637-0583

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 K AMOUNT
ENCLOSED \$ 350

**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

Richard L. Kline

Richard L. Kline

Radiation Protection Officer 5/12/88

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS	APPROVED BY
Ren	May-5-88	3P	252 196	Mr. Mearns
AMOUNT RECEIVED	CHECK NUMBER			DATE
\$350 (enclosed)	084954		returned - agreement state	5/24/88

CERTIFICATE OF DISPOSITION OF MATERIALS

(All items MUST be completed, please print)

LICENSEE NAME AND ADDRESS American Air Filter Company P.O. Box 35690 Louisville, KY 40232-5690	LICENSE NUMBER 16-11446-01
	LICENSE EXPIRATION DATE June 30, 1988

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT: (Check and/or complete the appropriate item(s) below.)

A. MATERIALS DATA (Check one and complete, as necessary)

☐ 1. NO MATERIALS HAVE EVER BEEN POSSESSED OR PROCURED BY THE LICENSEE UNDER THIS LICENSE.

OR

☐ 2. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON

DATE	TO	WHICH HAS NRC LICENSE NUMBER

OR

☐ 3. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON

DATE	TO	WHICH HAS LICENSE NUMBER	ISSUED BY THE STATE OF

OR

☒ 4. MATERIALS HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (Describe specific disposal procedures—if additional space is needed, use the reverse of this form, or provide attachments)

No radioactive material has been disposed of.

B. OTHER DATA

☐ 1. OUR LICENSE HAS NOT YET EXPIRED. PLEASE TERMINATE IT.

☐ 2. WAS A RADIATION SURVEY CONDUCTED TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE? (Check one)

☒ NO

☐ YES, THE RESULTS (Check one)

☐ ARE ATTACHED, OR

☐ WERE FORWARDED TO NRC ON (Date)

3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM

NAME Richard L. Kline - Radiation Protection Officer	TELEPHONE NUMBER 502/637-0583
---	----------------------------------

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

American Air Filter Co., P.O. Box 35690, Louisville, KY 40232-5690

Attn: R. L. Kline

RETURN TO:

DIRECTOR, DIVISION OF FUEL CYCLE AND MATERIAL SAFETY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555

CERTIFYING OFFICIAL

SIGNATURE

DATE

Richard L. Kline

5/12/88

PRINTED NAME AND TITLE

Richard L. Kline
Radiation Protection Officer

ITEMS 5 THROUGH 11 - SUPPLEMENTARY INFORMATION FOR LICENSE RENEWAL

Item 5 - Radioactive Material

a) Hydrogen 3	Foil (U.S. Radium Lab 508-3)	No single source to exceed 250 millicuries.
b) Hydrogen 3	Foil (Radiation Research or U.S. Radium Lab 508-1)	No single source to exceed 300 millicuries.
c) Carbon 14	Sealed source (New England Nuclear)	No single source to exceed 100 millicuries.
d) Cesium 137/ Barium 133	Sealed source	100 millicuries
e) Iodine 131	Any form	10 millicuries

Item 6 - Authorized Use

- a) For use in Varian Model 02-650 gas chromatograph detector cell assembly for sample analysis.
- b) For use in Barber-Coleman Model A-5120 gas chromatograph detector cell assembly for sample analysis.
- c) For use in GCA Corporation Model RDM-101 dust monitor.
- d) Instrument quality assurance testing.
- e) Absorption studies on carbon filters.

Item 7 - Individual Responsible for Radiation Safety

Richard L. Kline, chief engineer of Pollution and Chemical Control Products is the designated Radiation Protection Officer. R. L. Kline has participated in a four (4) hour Nuclear Safety Program consisting of, but not limited to, emphasis on basic atomic theory, tritium foil gas, chromatograph and health physics. In addition, R. L. Kline has familiarized himself with "Standard Operating Procedure for Handling Radioactive Material."

Item 8 - Training

Mohiuddin Pasha is chemical engineer with direct responsibility for supervising handling of radioactive materials. M. Pasha has had formal and informal training in the "Principles of Radiation Protection," radioactive measurement standardization and monitoring techniques and instruments, mathematics and calculations basic to the use and measurement of radioactivity and biological effects of radiation. Mr. Pasha also has over 15 years of experience testing nuclear grade carbon.

Donald L. Schweinhart is technician who assists in testing with and handling of radioactive sources. He has had 15 years of experience in this area and his training is ongoing in the areas of "Principles and Practices of Radiation Protection."

Item 9 - Facilities and Equipment

The following radiation detection instruments are in use:

- a) Nuclear Chicago exposure meter, model 9113
- b) Baird atomic meter, #420
- c) Harshaw single channel

Item 10 - Radiation Safety Program

The Radiation Safety Program at this facility is outlined in "Standard Operating Procedures for Handling Radioactive Material" (Rev. 2). Adherence to this procedure is mandatory for all personnel engaged in the handling of radioactive materials.

Also, a system of film badges and rings is used to monitor exposure to radiation by test personnel. Monthly analysis of these devices are made by Siemens Gammasonics, Inc.

Item 11 - Waste Management

No disposal of long-lived isotopes has been made. Such materials are sealed in lead containers and placed in long term storage at our facility.